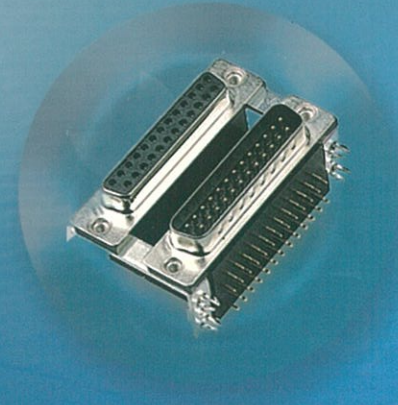
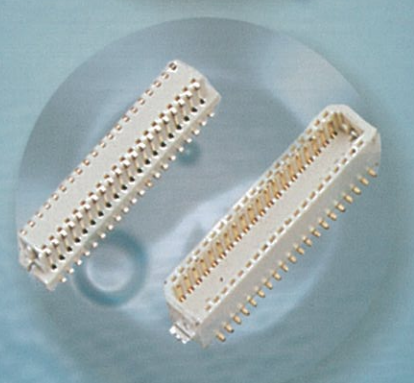
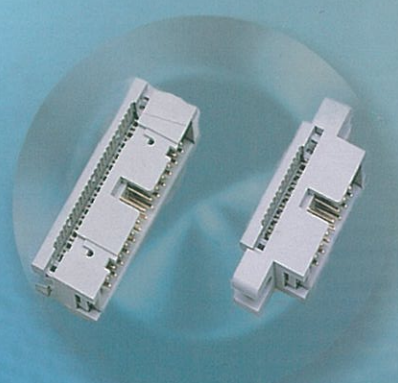
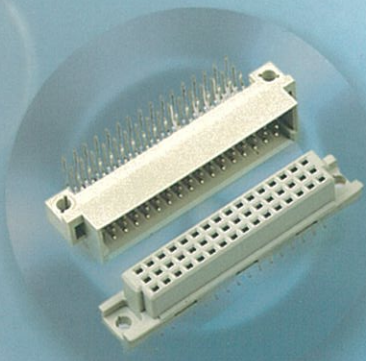
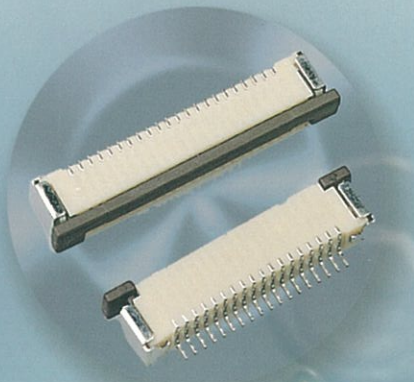
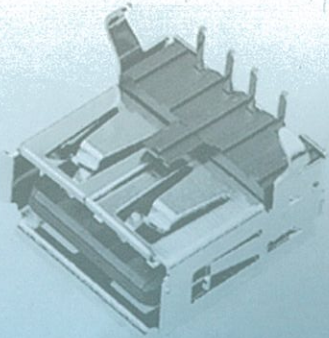




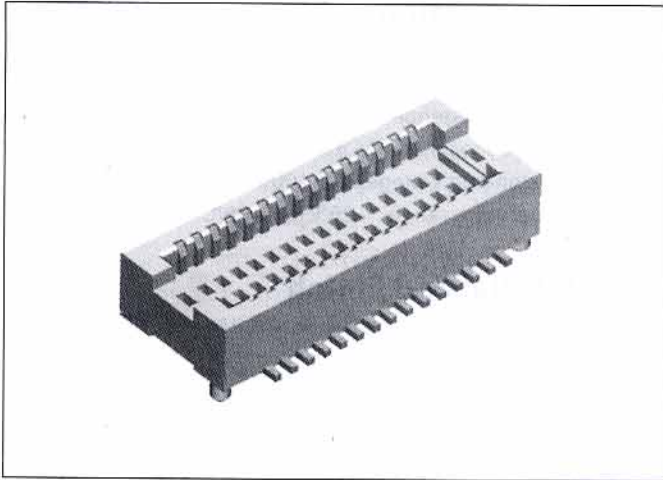
# Eltron Interconnection System Pte Ltd



**ELTRON**  
*We Connect Your Systems*

[www.eltron-interconnect.net](http://www.eltron-interconnect.net)





### Specifications:

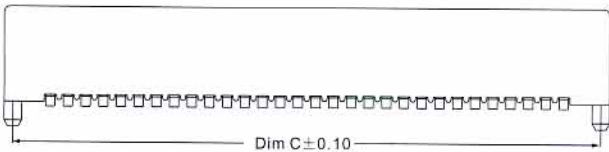
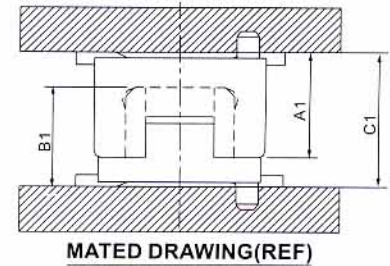
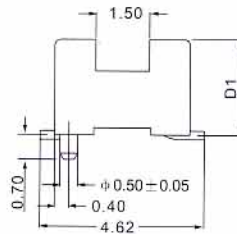
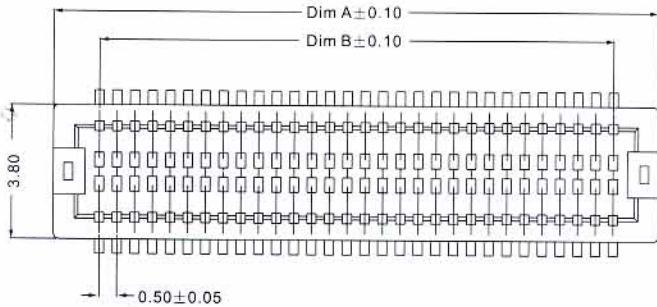
- Current rating : 0.5A AC,DC
- Voltage rating : 50V AC/DC
- Contact resistance : 30m ohm. max
- Insulation resistance : 100M ohm.min
- Withstanding voltage : 100V AC/minute
- Temperature range : -25°Cto +105°C

### Material and Finish

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Plating : Gold Plated

### Feature

- Mating Height:2.5/3.0/3.5/4.0/4.5/5.0/5.5/6.0/6.5mm Space
- Design for Mobile Phone,MP3, Digital Camera

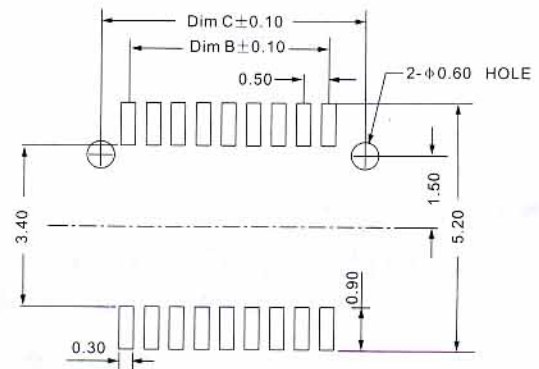


P/N (Plug)	P/N (Socket)	Male Height Dim A1	Female Height Dim B1	Mating Height Dim C1	Dim D1
EBB01P-XXG-170-01	EBB01S-XXG-170-01	1.83	1.83	2.5	1.70
EBB01P-XXG-220-01	EBB01S-XXG-220-01	2.33	2.33	3.0	2.20
EBB01P-XXG-270-01	EBB01S-XXG-220-01	2.83	2.33	3.5	2.70
EBB01P-XXG-270-01	EBB01S-XXG-270-01	2.83	2.83	4.0	2.70
EBB01P-XXG-320-01	EBB01S-XXG-270-01	3.33	2.83	4.5	3.20
EBB01P-XXG-220-01	EBB01S-XXG-420-01	2.33	4.33	5.0	2.20
EBB01P-XXG-270-01	EBB01S-XXG-420-01	2.83	4.33	5.5	2.70
EBB01P-XXG-270-01	EBB01S-XXG-470-01	2.83	4.83	6.0	2.70
EBB01P-XXG-320-01	EBB01S-XXG-470-01	3.33	4.83	6.5	3.20

### Engineering Dimension

Circuits	DIM.A	DIM.B	DIM.C
14	5.60	3.00	5.10
20	7.10	4.50	6.60
30	9.60	7.00	9.10
32	10.10	7.50	9.60
36	11.10	8.50	10.60
40	12.10	9.50	11.60
50	14.60	12.00	14.10
60	17.10	14.50	16.60

### Recommended PCB Layout



### Ordering Information

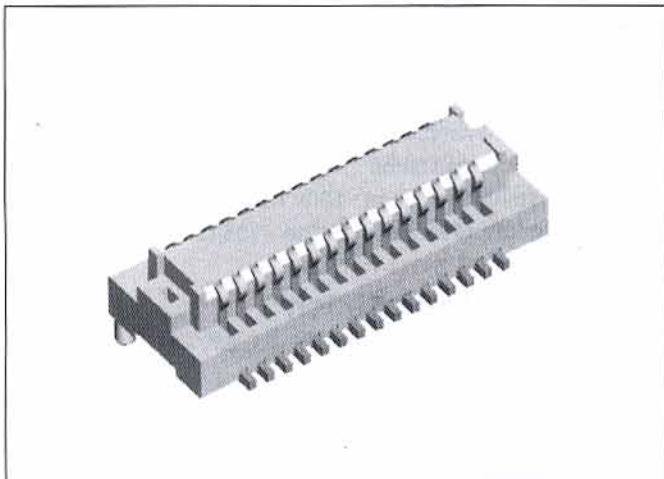
**EBB01P** — **XXG** — **XXX** — **01**

1
2
3
4
5

① P:Plug	② No. of Contacts	④ Height	⑤ W/O Metal Tab
	③ G:Gold Plated		

Unit:mm





### ■ Specifications:

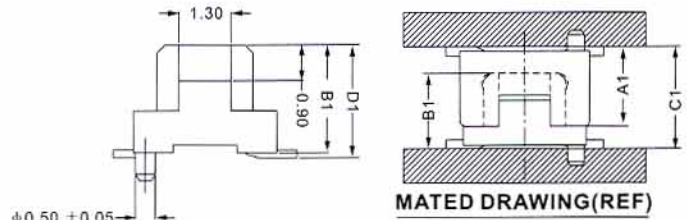
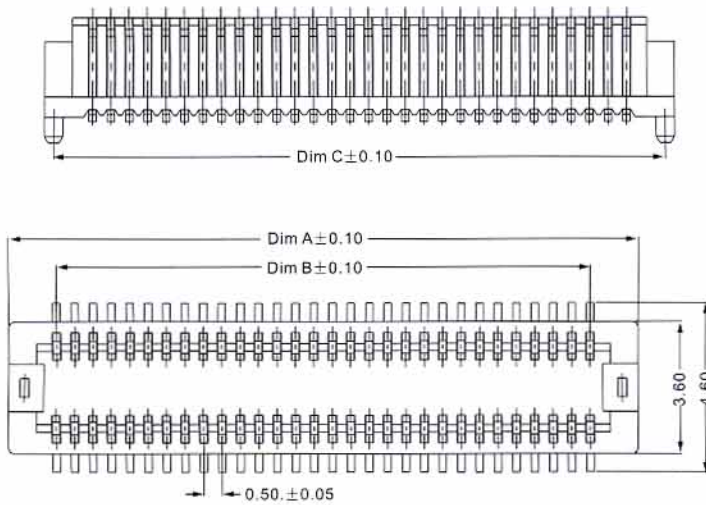
- Current rating : 0.5Amps
- Voltage rating : 50V AC/DC
- Contact resistance : 30m ohm.max.
- Insulation resistance : 100M ohm.
- Withstanding voltage : AC 100V for one minute
- Temperature range : -25°Cto +105°C

### ■ Material and Finish

- Insulator :High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Plating : Gold Plated

### ■ Feature

- Mating Height:2.5/3.0/3.5/4.0/4.5/5.0/5.5/6.0/6.5mm Space
- Design for Mobile Phone,MP3, Digital Camera



P/N (Plug)	P/N (Socket)	Male Height Dim A1	Female Height Dim B1	Mating Height Dim C1	Dim D1
EBB01P-XXG-170-01	EBB01S-XXG-170-01	1.83	1.83	2.5	1.70
EBB01P-XXG-220-01	EBB01S-XXG-220-01	2.33	2.33	3.0	2.20
EBB01P-XXG-270-01	EBB01S-XXG-220-01	2.83	2.33	3.5	2.20
EBB01P-XXG-270-01	EBB01S-XXG-270-01	2.83	2.83	4.0	2.70
EBB01P-XXG-320-01	EBB01S-XXG-270-01	3.33	2.83	4.5	2.70
EBB01P-XXG-220-01	EBB01S-XXG-420-01	2.33	4.33	5.0	4.20
EBB01P-XXG-270-01	EBB01S-XXG-420-01	2.83	4.83	5.5	4.20
EBB01P-XXG-270-01	EBB01S-XXG-470-01	2.83	4.83	6.0	4.70
EBB01P-XXG-320-01	EBB01S-XXG-470-01	3.33	4.83	6.5	4.70

### ■ Engineering Dimension

Circuits	DIM.A	DIM.B	DIM.C
14	5.60	3.00	5.10
20	7.10	4.50	6.60
30	9.60	7.00	9.10
32	10.10	7.50	9.60
36	11.10	8.50	10.60
40	12.10	9.50	11.60
50	14.60	12.00	14.10
60	17.10	14.50	16.60

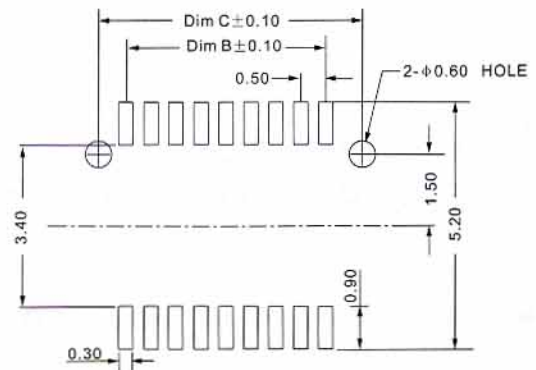
### ■ Ordering Information

**EBB01S** — **XXG** — **XXX** — **01**

①      ②   ③      ④      ⑤

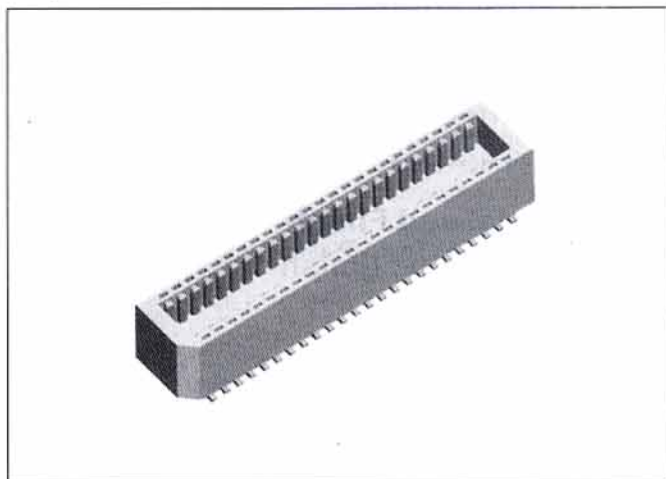
① S:Socket	② No. of Contacts	④ Height	⑤ W/O Metal Tab
	③ G:Gold Plated		

### ■ Recommended PCB Layout



Unit:mm





### Specifications:

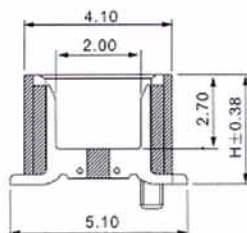
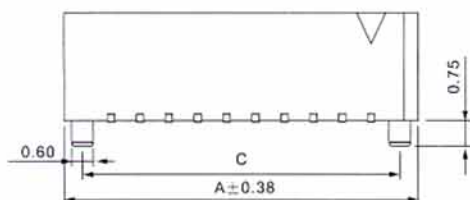
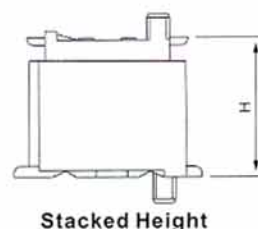
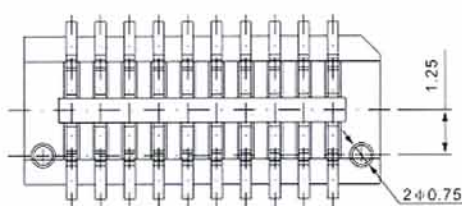
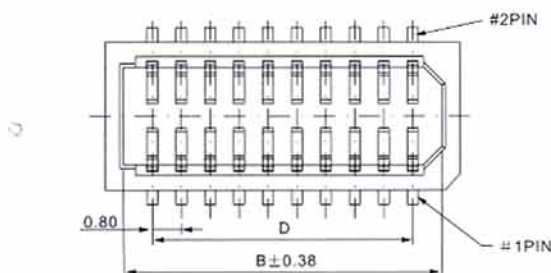
Current rating : 0.5A  
 Voltage rating : 100V AC/DC  
 Contact resistance : 40m ohm max  
 Insulation resistance : 100M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -40°C to +105°C

### Material and Finish

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Phosphor Bronze  
 Finish : Gold Plated

### Feature

Design for Mobile Phone, MP3, Digital Camera



### Mating Height Dimension

	Dim H	
	EBB02S-XXG-355	EBB02S-XXG-405
EBB02P-XXG-365	4.5	
EBB02P-XXG-415	5.0	
EBB02P-XXG-415		5.5
EBB02P-XXG-515	6.0	
EBB02P-XXG-565	6.5	
EBB02P-XXG-565		7.0

### Engineering Dimension

Circuits	A	B	C	D	Circuits	A	B	C	D
10	5.80	4.90	5.00	3.20	32	14.60	13.70	13.80	12.00
12	6.60	5.70	5.80	4.00	34	15.40	14.50	14.60	12.80
14	7.40	6.50	6.60	4.80	36	16.20	15.30	15.40	13.60
16	8.20	7.30	7.40	5.60	38	17.00	16.10	16.20	14.40
18	9.00	8.10	8.20	6.40	40	17.80	16.90	17.00	15.20
20	9.80	8.90	9.00	7.20	50	21.80	20.90	21.00	19.20
22	10.60	9.70	9.80	8.00	60	25.80	24.90	25.00	23.20
24	11.40	10.50	10.60	8.80	70	29.80	28.90	29.00	27.20
26	12.20	11.30	11.40	9.60	80	33.80	32.90	33.00	31.20
28	13.00	12.10	12.20	10.40	90	37.80	36.90	37.00	35.20
30	13.80	12.90	13.00	11.20	100	41.80	40.90	41.00	39.20

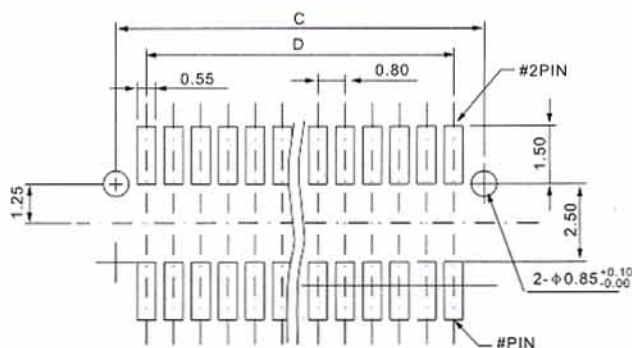
### Ordering Information

**EBB02P-XXG-XXX**

①      ②   ③      ④

① Plug	② No. of Contacts	④ Height
	③ G: Gold Plated	

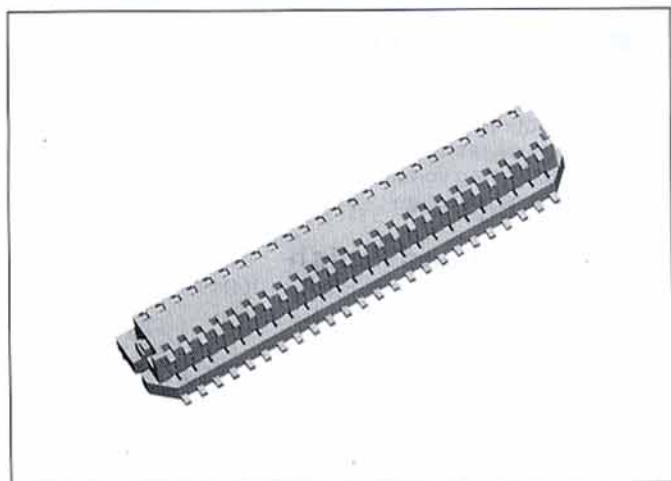
### Recommended PCB Layout



RECOMMENDED P.C.B LAYOUT  
 TOLERANCE ±0.05  
 TOP VIEW

Unit:mm





**Specifications:**

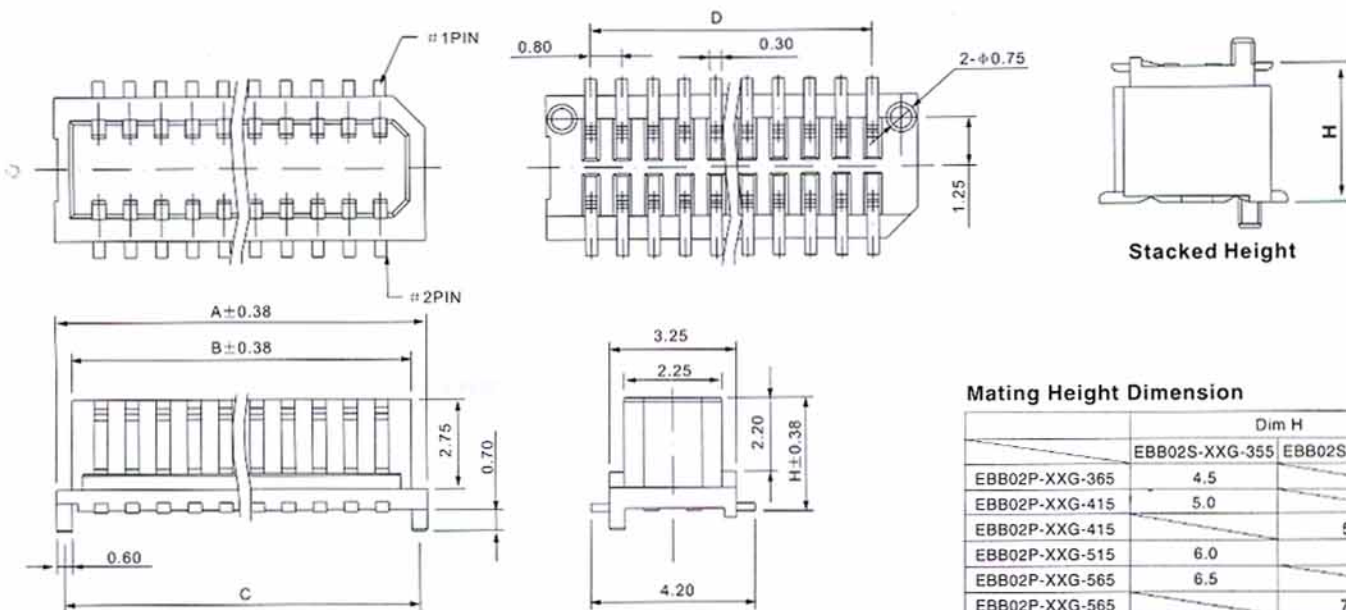
Current rating : 0.5A  
 Voltage rating : 100V AC/DC  
 Contact resistance : 40m ohm max  
 Insulation resistance : 100M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -40°C to +105°C

**Material and Finish**

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Phosphor Bronze  
 Finish : Gold Plated

**Feature**

Design for Mobile Phone, MP3, Digital Camera



**Mating Height Dimension**

	Dim H	
	EBB02S-XXG-355	EBB02S-XXG-405
EBB02P-XXG-365	4.5	
EBB02P-XXG-415	5.0	
EBB02P-XXG-415		5.5
EBB02P-XXG-515	6.0	
EBB02P-XXG-565	6.5	
EBB02P-XXG-565		7.0

**Engineering Dimension**

Circuits	A	B	C	D	Circuits	A	B	C	D
10	5.60	4.85	5.00	3.20	32	14.40	13.70	13.80	12.00
12	6.40	5.65	5.80	4.00	34	15.20	14.50	14.60	12.80
14	7.20	6.45	6.60	4.80	36	16.00	15.30	15.40	13.60
16	8.00	7.25	7.40	5.60	38	16.80	16.10	16.20	14.40
18	8.80	8.05	8.20	6.40	40	17.60	16.90	17.00	15.20
20	9.60	8.85	9.00	7.20	50	21.60	20.90	21.00	19.20
22	10.40	9.65	9.80	8.00	60	25.60	24.90	25.00	23.20
24	11.20	10.45	10.60	8.80	70	29.60	28.90	29.00	27.20
26	12.00	11.25	11.40	9.60	80	33.60	32.90	33.00	31.20
28	12.80	12.05	12.20	10.40	90	37.60	36.90	37.00	35.20
30	13.60	12.85	13.00	11.20	100	41.60	40.90	41.00	39.20

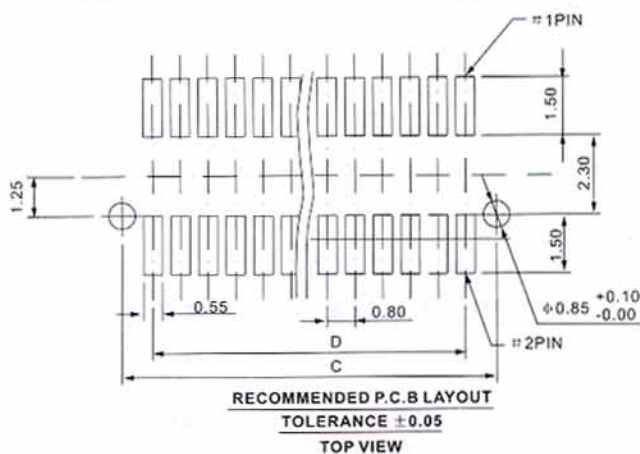
**Ordering Information**

**EBB02S — XXG — 355**

①                      ②                      ③                      ④

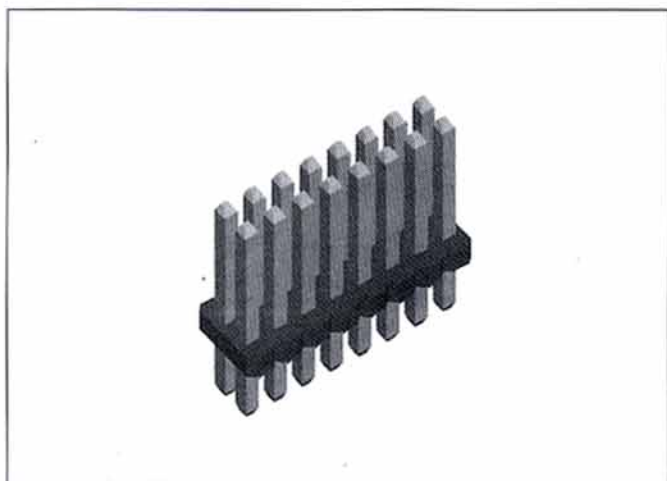
① Socket	② No. of Contacts	④ Height
	③ G: Gold Plated	

**Recommended PCB Layout**



Unit:mm



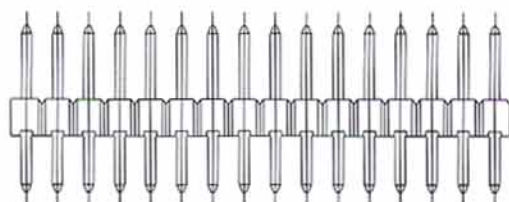
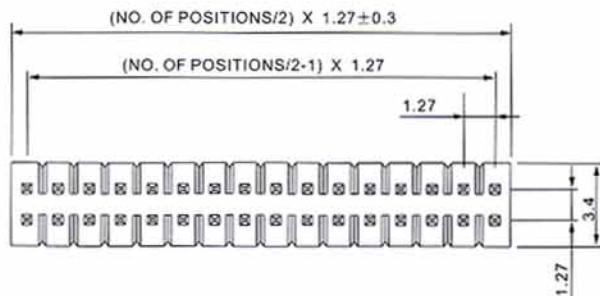


### Specifications:

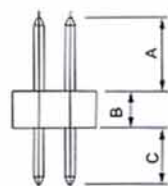
- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +105°C

### Material and Finish:

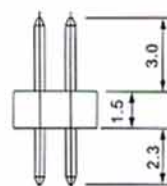
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Gold Plated



Insulator Height: 0.8/1.0/1.5/2.0/2.54mm  
 P/N: EPH02SB-XXG-ABC  
 Detail Spec. Consult to Sales dept.



Special Type



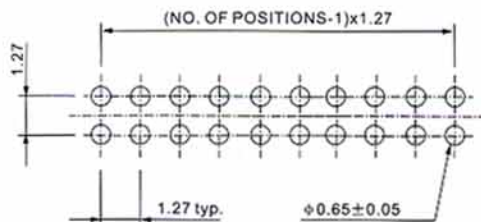
Standard Type

### Ordering Information

**EPH02SB-XXG-ABC**

1   
 2 3   
 4

### Recommended PCB Layout



① SB: Straight Double Rows

② No. of Contacts  
 ③ G: Gold Plated

④ Standard: 301523  
 ABC: Dim. Length

Unit:mm

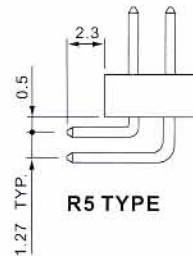
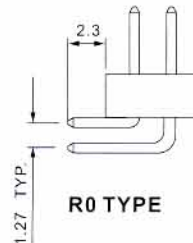
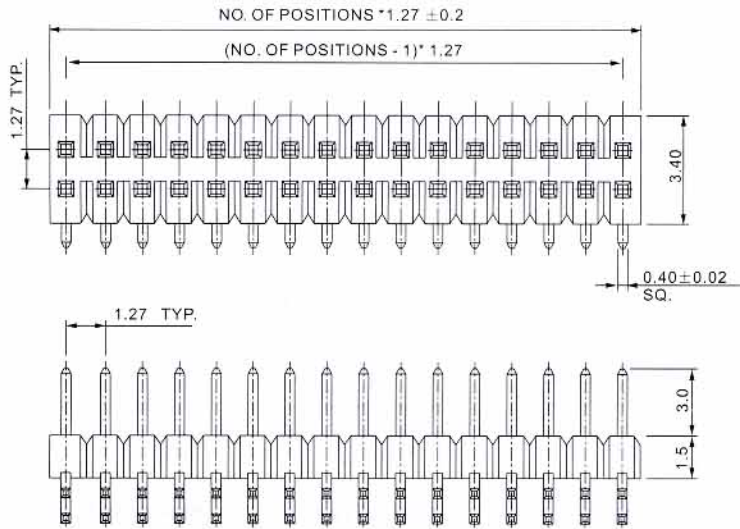
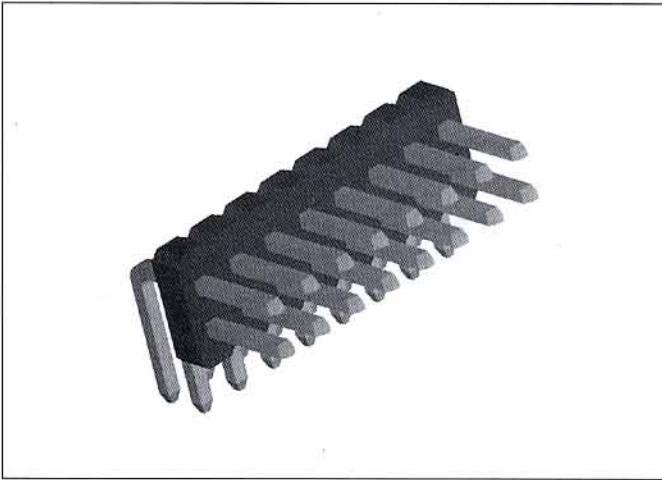


### ■ Specifications:

Current rating : 1.0A  
 Voltage rating : 50V AC/DC  
 Contact resistance : 20m ohm max  
 Insulation resistance : 5000 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -25°C to +105°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Copper Alloy  
 Finish : Gold Plated



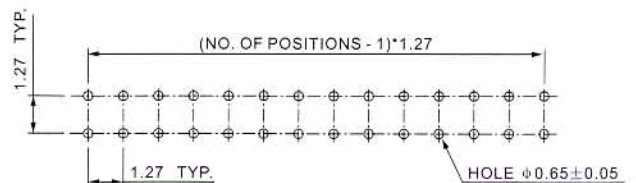
### ■ Ordering Information

**EPH02RX — XXG — 301523**

①      ②   ③      ④

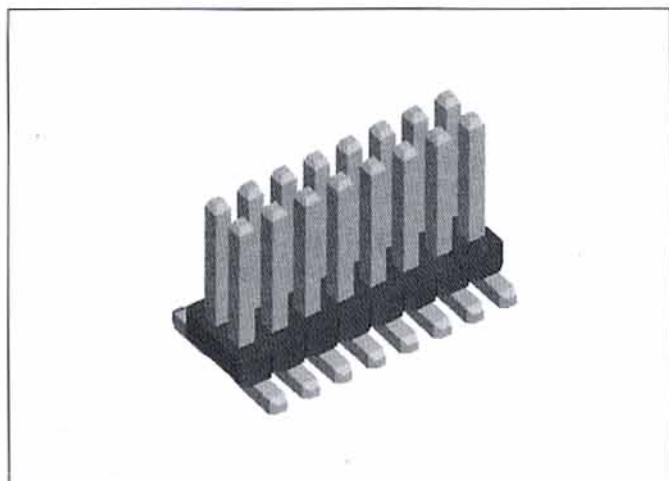
① R0:R0 Type R5:R5 Type	② No. of Contacts ③ G:Gold Plated	④ Length
----------------------------	--------------------------------------	----------

### ■ Recommended PCB Layout



**Unit:mm**



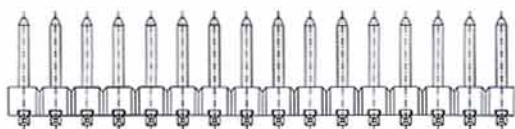
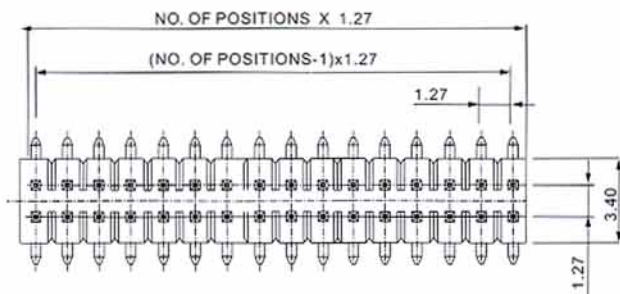


### ■ Specifications:

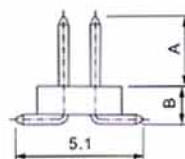
Current rating : 1.0A  
 Voltage rating : 50V AC/DC  
 Contact resistance : 20m ohm max  
 Insulation resistance : 5000 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -25°C to +105°C

### ■ Material and Finish:

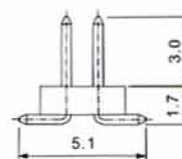
Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Copper Alloy  
 Finish : Gold Plated



Insulator Height: 0.8/1.0/1.5/2.0/2.54mm  
 Detail Spec. Consult to Sales dept.



Special Type



Standard Type

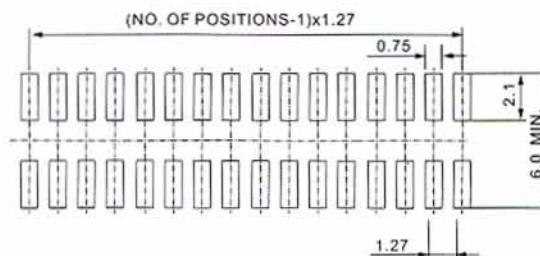
### ■ Ordering Information

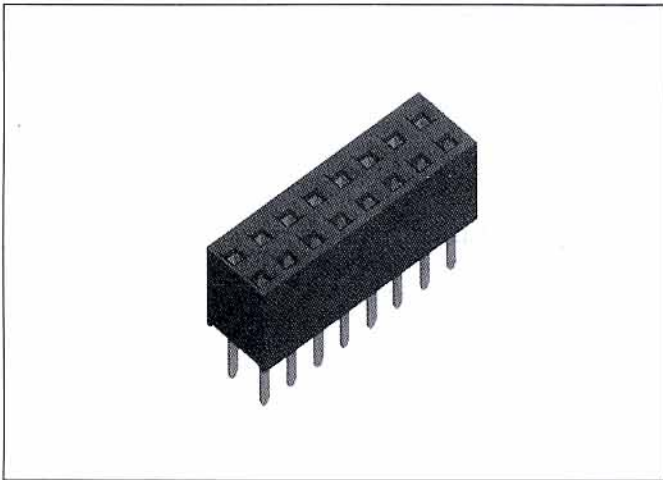
**EPH02SB** — **XXG** — **SM** — **AB**

①      ②   ③      ④      ⑤

① SB: Straight Double Rows	② No. of Contacts ③ G: Gold Plated	④ SM: SMD Type	⑤ Standard: 3017 AB: Height
----------------------------	---------------------------------------	----------------	--------------------------------

### ■ Recommended PCB Layout



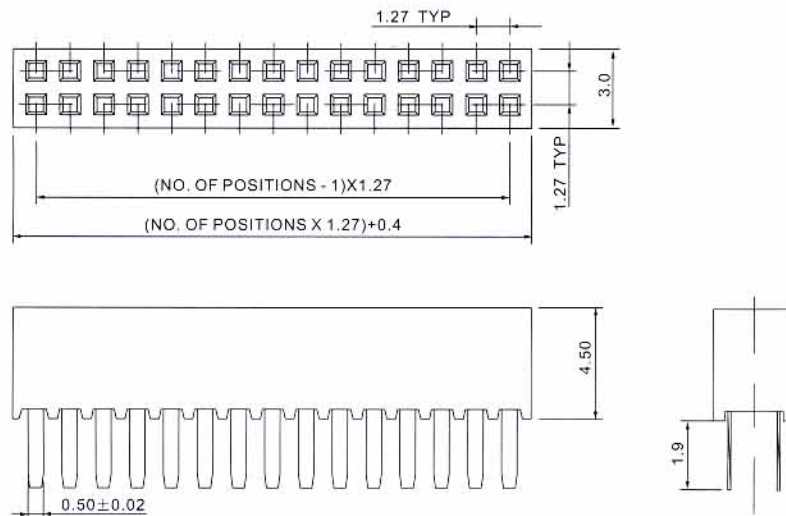


**Specifications:**

- Current rating : 1.0A
- Voltage rating : 50V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +105°C

**Material and Finish:**

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Gold Plated



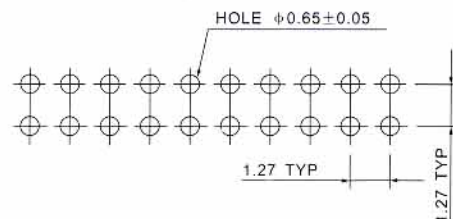
**Ordering Information**

**ESK02SB — XXG — A1**

①      ②      ③      ④

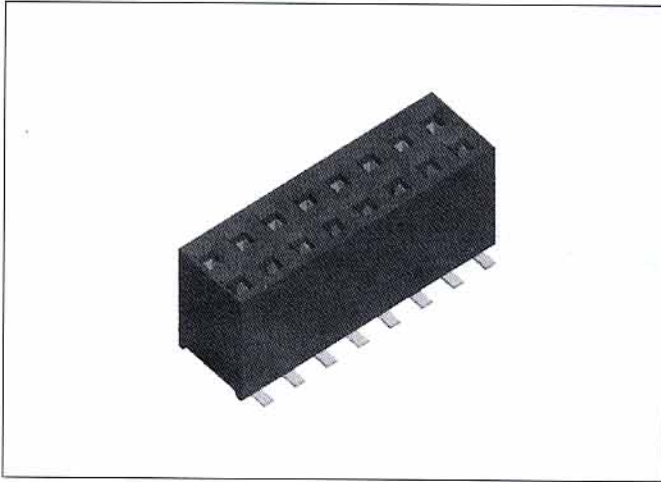
① SB: Straight Double Rows	② No. of Contacts ③ G: Gold Plated	④ A1: Dip 1.9mm
----------------------------	---------------------------------------	-----------------

**Recommended PCB Layout**



Unit:mm



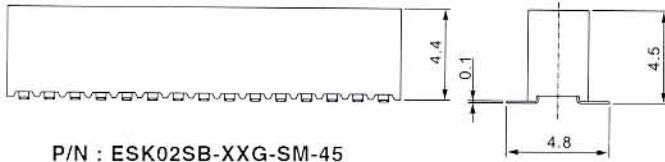
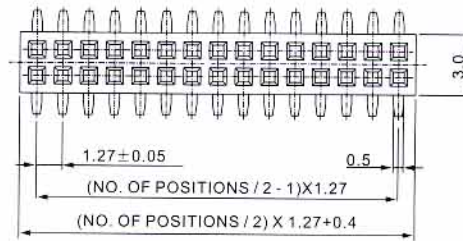
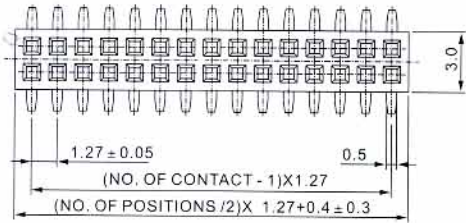


■ **Specifications:**

Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°Cto +105°C

■ **Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Gold Plated



P/N : ESK02SB-XXG-SM-45



P/N : ESK02SB-XXG-SM-23

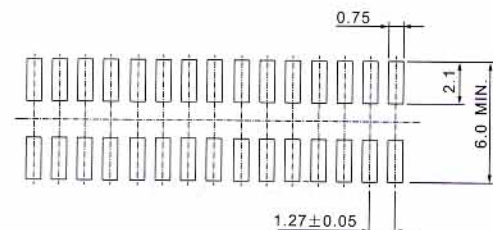
■ **Ordering Information**

**ESK02SB** — **XXG** — **SM** — **45**

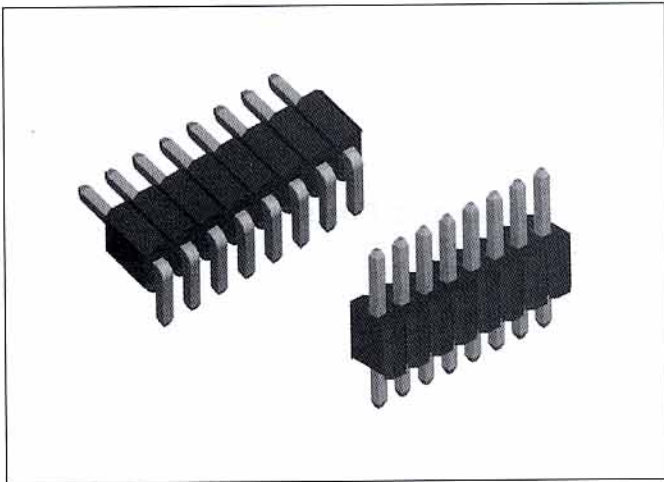
①      ②   ③      ④      ⑤

① SB: Double Rows	② No. of Contacts	④ SMD Type
	③ G: Gold Plated	⑤ Total Height 45=4.5mm 23=2.3mm

■ **Recommended PCB Layout**



Unit:mm

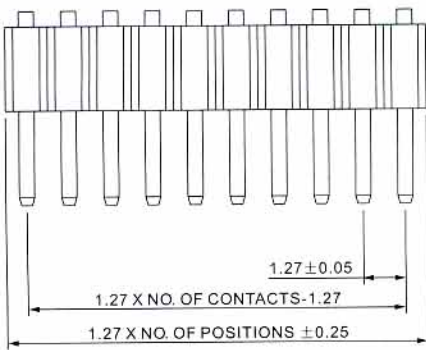


### ■ Specifications:

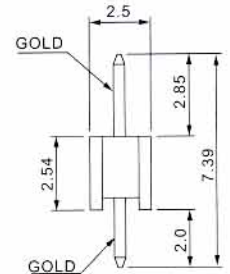
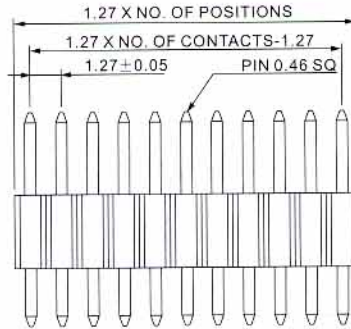
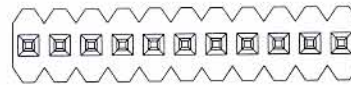
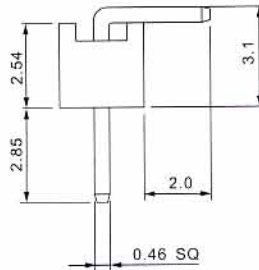
- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 5000V AC/minute
- Temperature range : -25°C to +105°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Gold Plated



P/N : EPH01RPA-XXG



P/N : EPH01PA-XXG-739

### ■ Ordering Information

**EPH01PA—XXG-739**

①      ②      ③

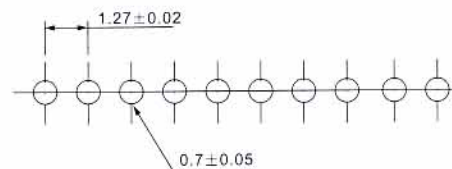
① PA: Straight Type	② No. of Contacts
	③ G: Gold Plated

**EPH01RPA—XXG**

①      ②      ③

① RPA: R/A Type	② No. of Contacts
	③ G: Gold Plated

### ■ Recommended PCB Layout



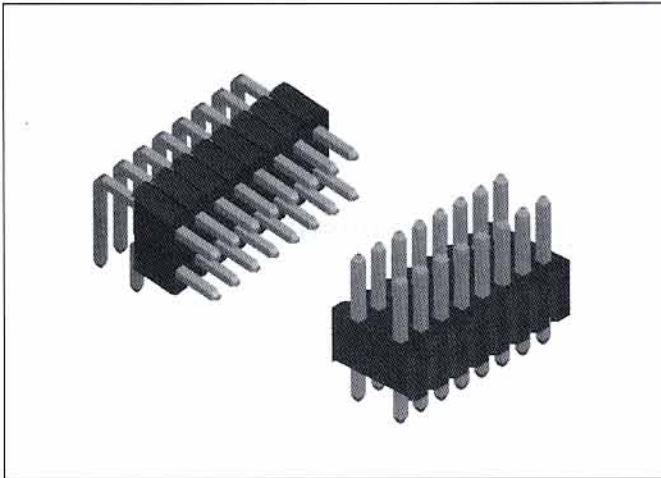
Unit:mm



# 1.27mmX2.54mm Pin Header Double Rows Straight & R/A Type

EPH01 Series, 0.46mm Square Pin

**Board to Board**

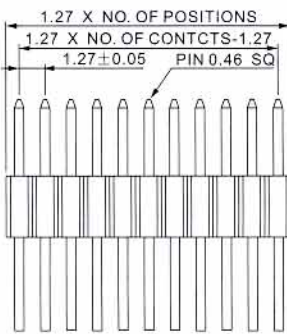


**Specifications:**

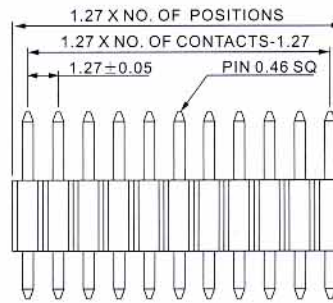
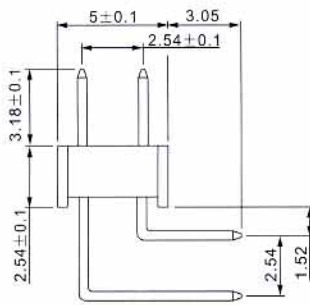
- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +125°C

**Material and Finish:**

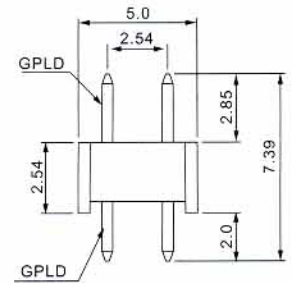
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Gold Plated



P/N : EPH01RPB-XXG



P/N : EPH01PB-XXG-739



**Ordering Information**

**EPH01PB-XXG-739**

①    ②    ③

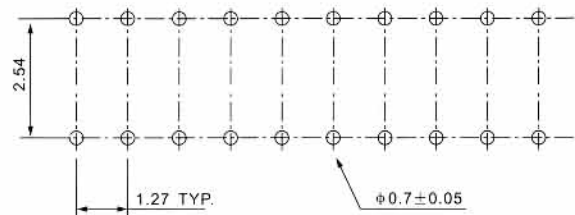
① PB: Straight Type	② No. of Contacts
	③ G:Gold Plated

**EPH01RPB-XXG**

①    ②    ③

① RPB: R/A Type	② No. of Contacts
	③ G:Gold Plated

**Recommended PCB Layout**

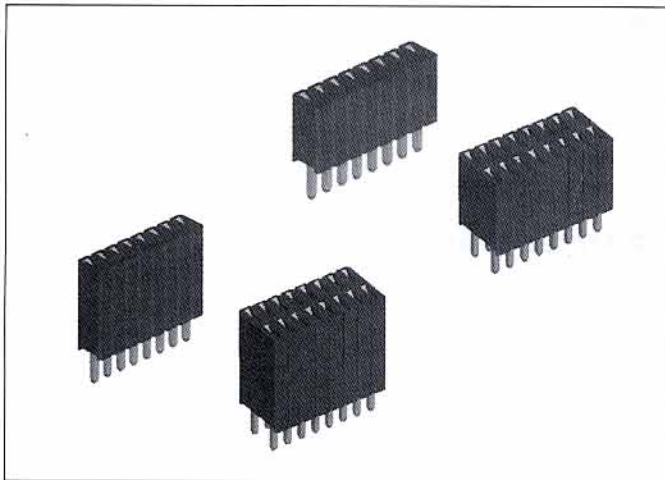


Unit:mm

# 1.27mmX2.45mm PCB Socket 4.6 & 8.5mm Height

ESK01 Series

## Board to Board

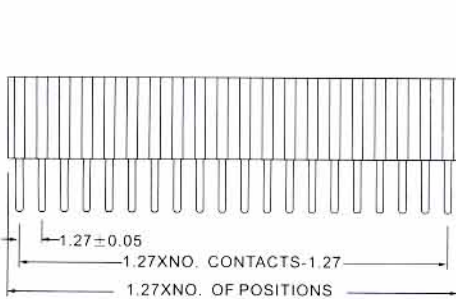


### Specifications:

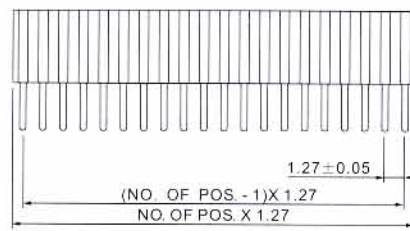
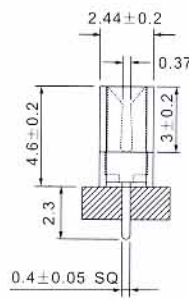
- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +125°C

### Material and Finish:

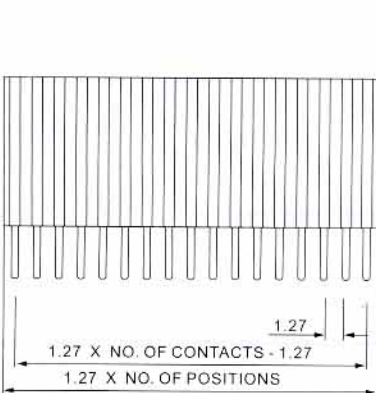
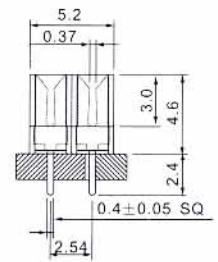
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Gold Plated



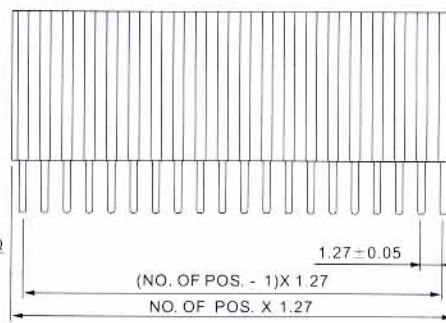
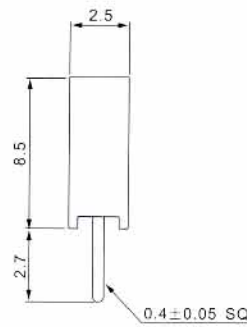
P/N : ESK01SA-XXG-46



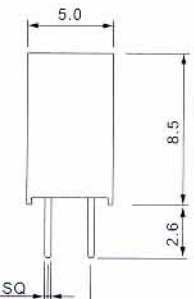
P/N : ESK01SB-XXG-46



P/N : ESK01SA-XXG-85



P/N : ESK01SB-XXG-85



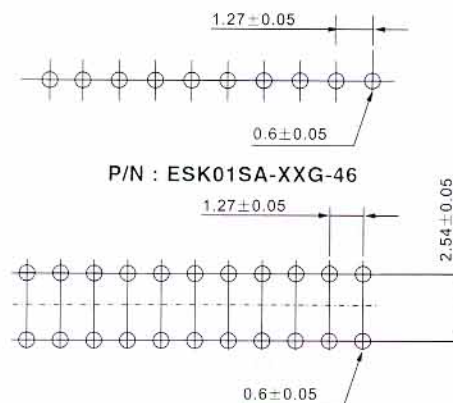
### Ordering Information

**ESK01SA-XXG-46**

① ② ③ ④

① SA: Single Row SB: Double Rows	② No. of Contacts G: Gold Plated	④ 46: 4.6mm Height 85: 8.5mm Height
-------------------------------------	-------------------------------------	--

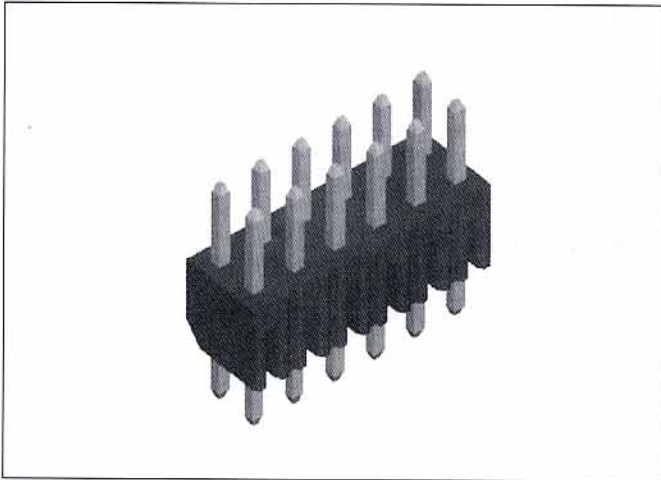
### Recommended PCB Layout



P/N : ESK01SB-XXG-46

Unit:mm



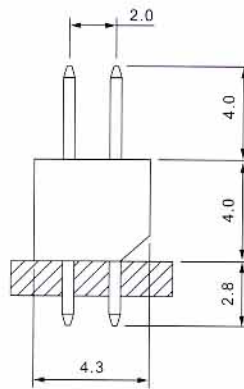
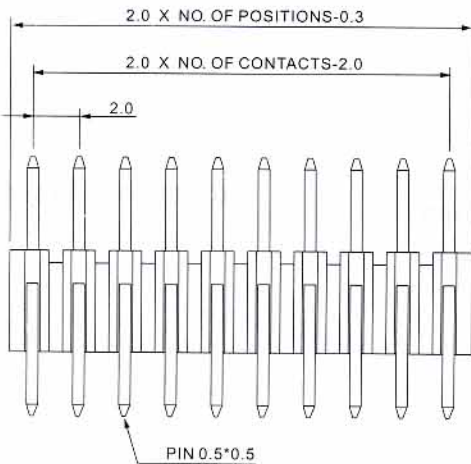


### ■ Specifications:

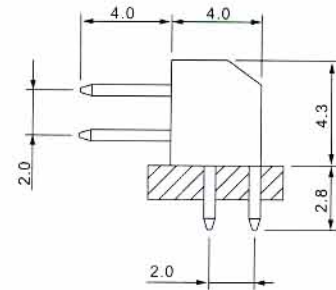
Current rating : 1.0A AC/DC  
 Voltage rating : 50V AC/DC  
 Contact resistance : 20m ohm max  
 Insulation resistance : 5000 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -40°C to +105°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Copper Alloy  
 Finish : Selective gold plated



P/N : EPH08S-XXSG



P/N : EPH08R-XXSG

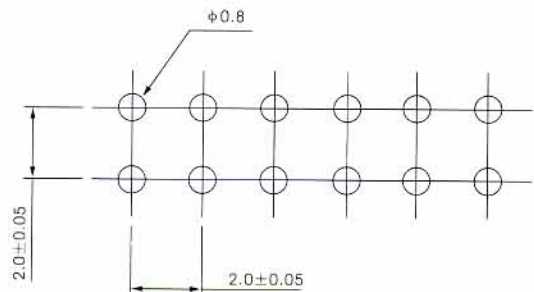
### ■ Ordering Information

**EPH08S-XXSG**

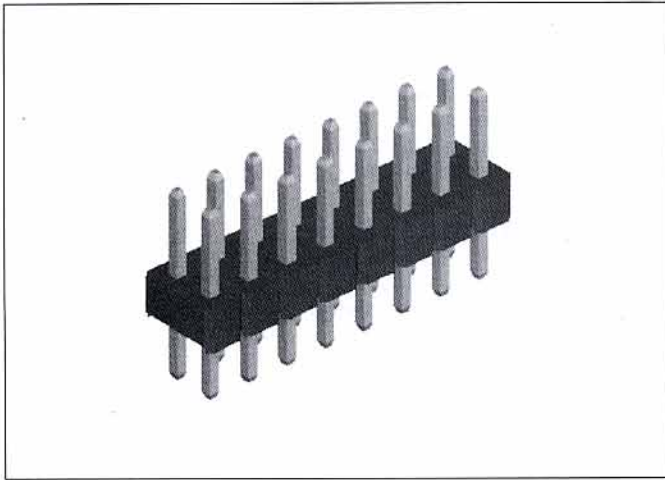
①      ②      ③

① S: Straight R: Right Angle	② No. Of Contacts ③ SG: Selective Gold
---------------------------------	---

### ■ Recommended PCB Layout



Unit:mm

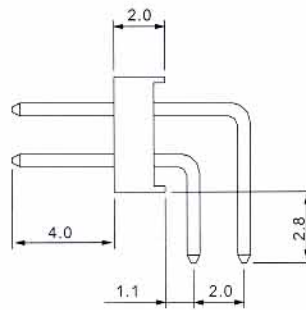
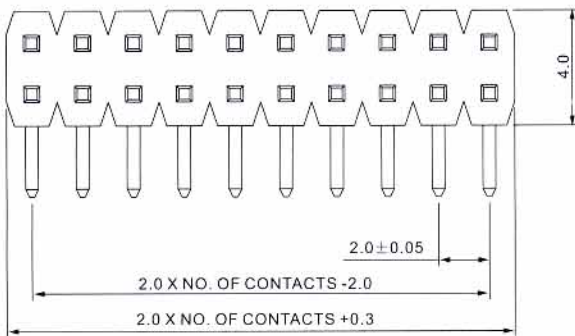


### ■ Specifications:

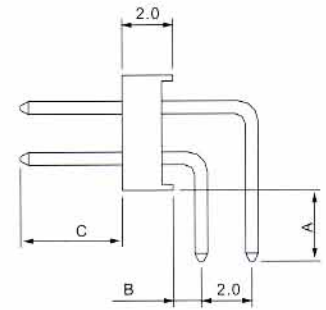
- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +105°C

### ■ Material and Finish:

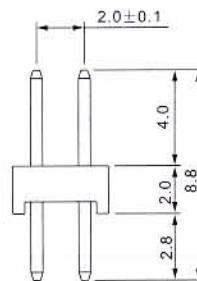
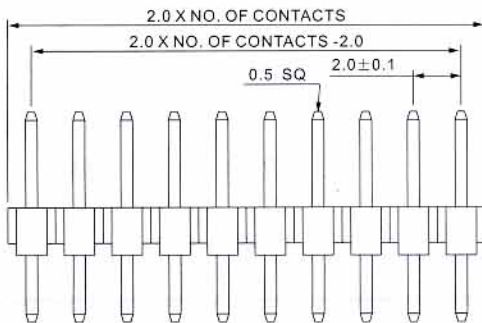
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Gold/Tin/Selective Gold Plated



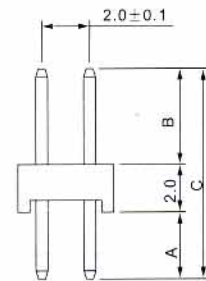
Standard type  
P/N : EPH03DR



P/N : EPH03DR-XXG-XXX



Standard Type  
P/N : EPH03DS



P/N : EPH03DS-XXG-XXX

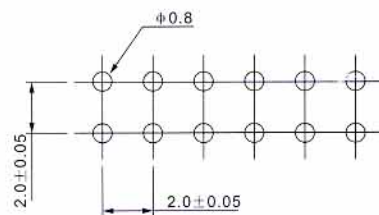
### ■ Ordering Information

**EPH03S** — **XXG** — **XXXX**

①      ②   ③      ④

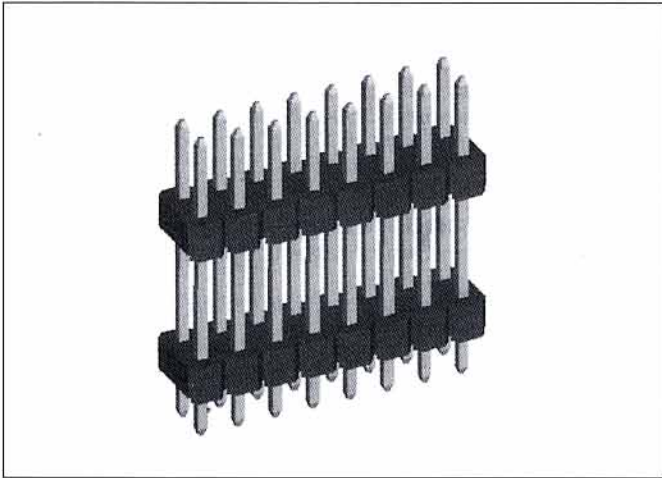
① S: Straight R: Right Angle	② No. of Contacts ③ G: Gold Flash	④ Special Length Part Number
---------------------------------	--------------------------------------	---------------------------------

### ■ Recommended PCB Layout



Unit:mm



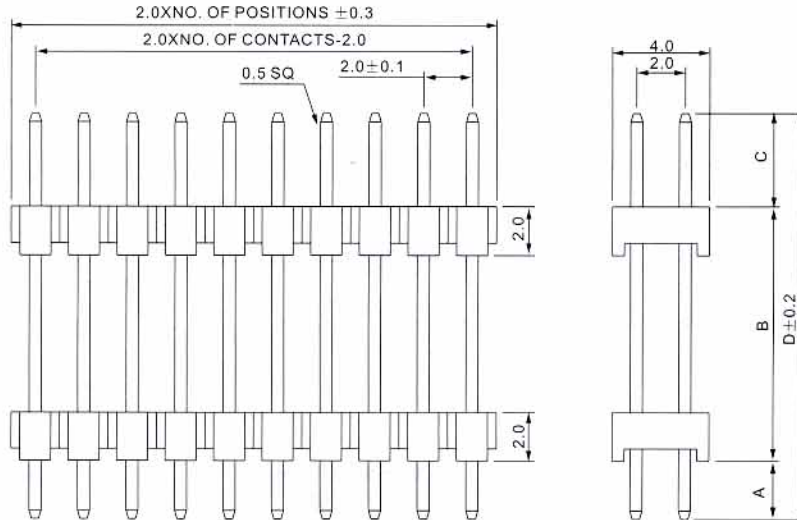


### ■ Specifications:

Current rating : 1.0A AC/DC  
 Voltage rating : 50V AC/DC  
 Contact resistance : 20m ohm max  
 Insulation resistance : 5000 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -25°C to +105°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Copper Alloy  
 Finish : Gold/Tin Plated



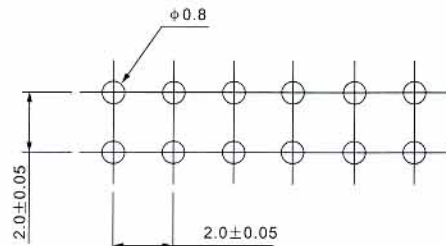
### ■ Ordering Information

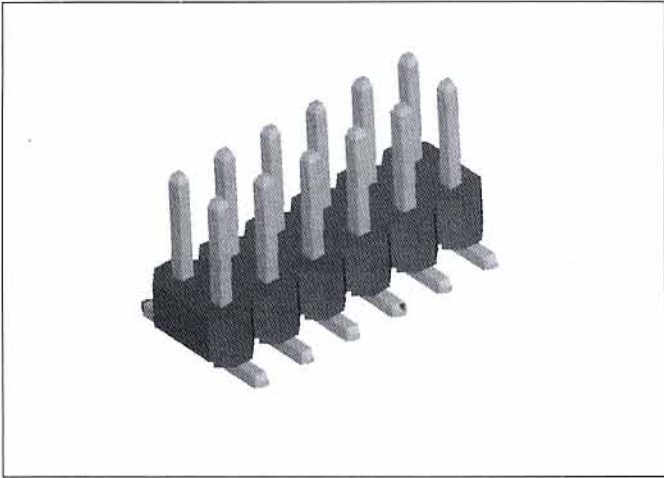
EPH07D—XXG—XXXX

①      ②   ③      ④

① Double Insulator Double row	② No. Of Contacts ③ G:Gold, T: Tin	④ ABC
----------------------------------	---------------------------------------	-------

### ■ Recommended PCB Layout



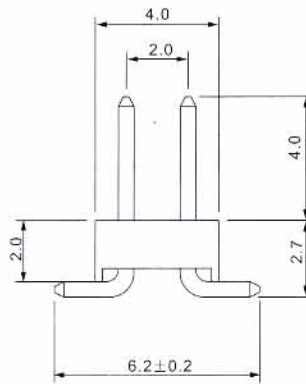
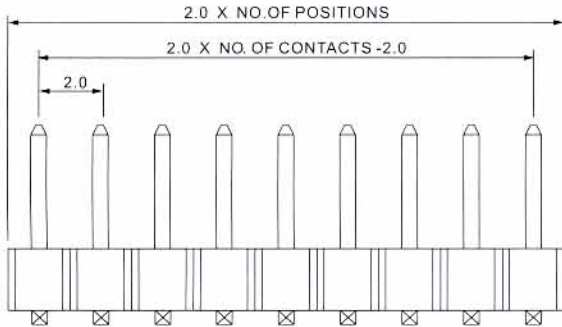


### ■ Specifications:

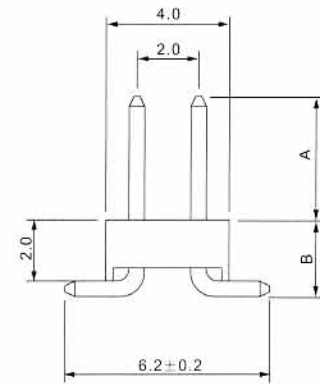
- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +105°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Gold/Tin/Selective Gold Plated



Standard type  
EPH03DSM



Special Type

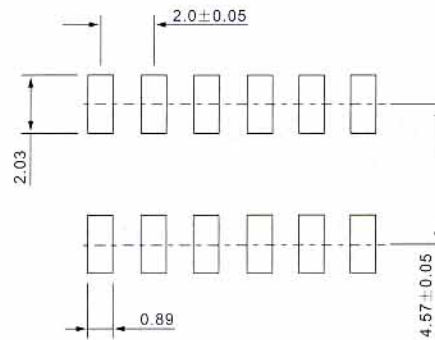
### ■ Ordering Information

**EPH03DSM** — **XXG** — **XXXX**

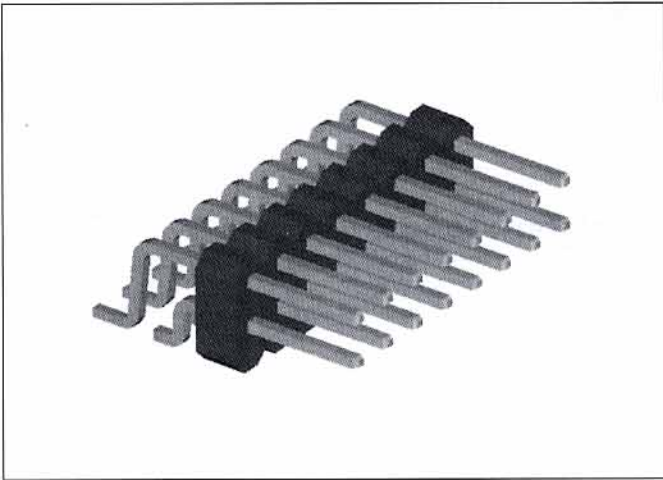
①                      ②    ③                      ④

① SM: SMD Type	② No. of Contacts ③ G: Gold, T: Tin SG: Selective Gold	④ Special Length Part Number
----------------	--	------------------------------

### ■ Recommended PCB Layout



**Unit:mm**

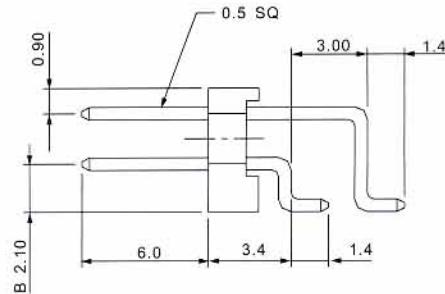
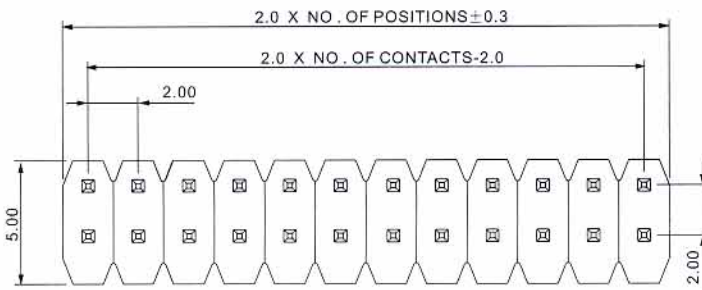


### ■ Specifications:

- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +105°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Gold Plated



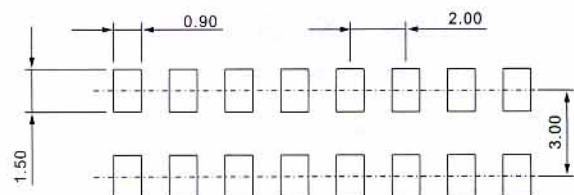
### ■ Ordering Information

EPH03BR — XXG — SM

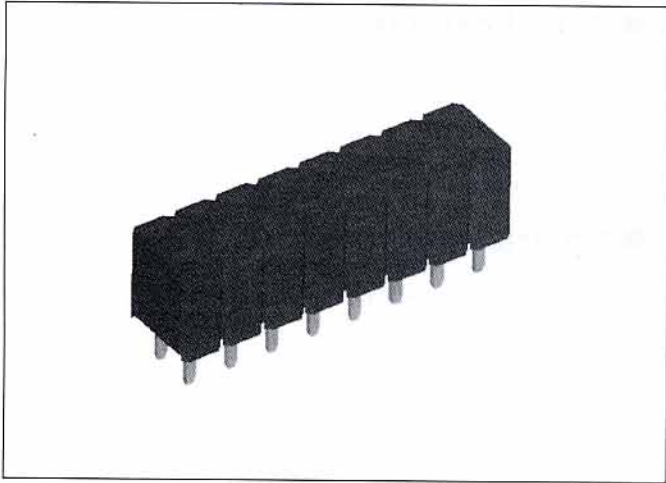
1
2
3

<b>1</b> No. Of Contacts <b>2</b> G: Gold Flash	<b>3</b> SM: SMD Type
--	-----------------------

### ■ Recommended PCB Layout





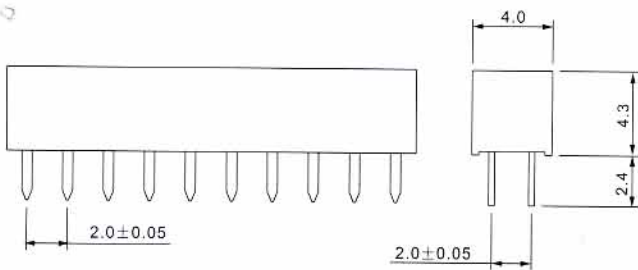


**Specifications:**

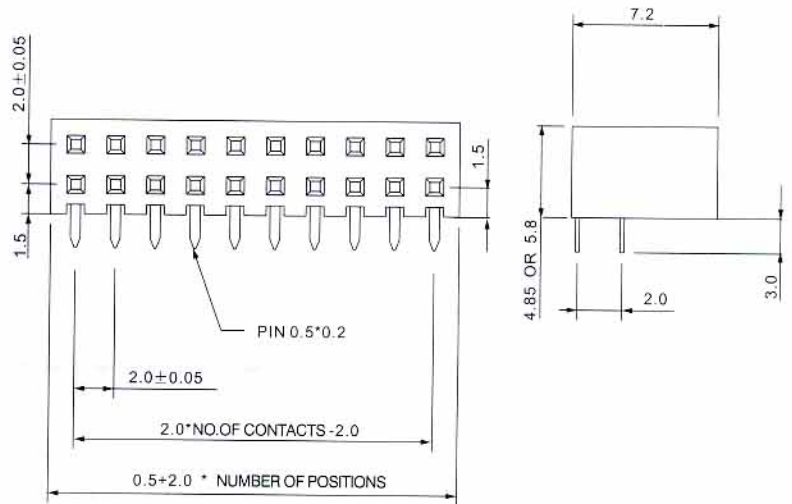
- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +105°C

**Material and Finish:**

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Selective Gold Plated



P/N : EPH03DS-XXSG



P/N : EPH03DR-XXSG

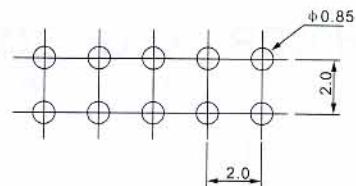
**Ordering Information**

**EPH03DS-XXSG**

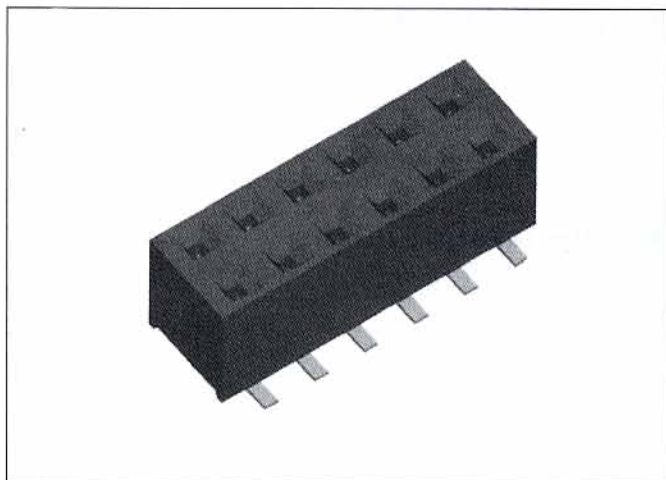
1   
 2   
 3

<p><b>1</b> S: Straight Type R: R/A Type</p>	<p><b>2</b> No. of Contacts</p> <p><b>3</b> SG: Selective Gold</p>
--	--

**Recommended PCB Layout**



**Unit: mm**

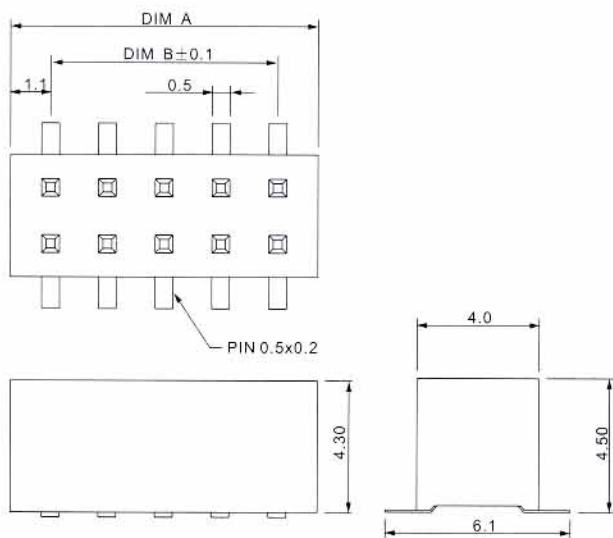


### Specifications:

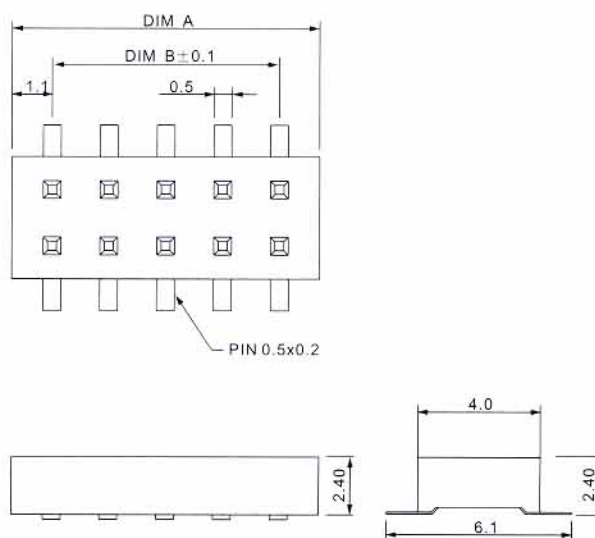
Current rating : 1.0A AC/DC  
 Voltage rating : 50V AC/DC  
 Contact resistance : 20m ohm max  
 Insulation resistance : 5000 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -25°C to +105°C

### Material and Finish:

Insulator : High Temp. Plastic(UL94V-0)  
 Contact : Phosphor Bronze  
 Finish : Gold Plated



P/N : EPH03DSM-XXG-45



P/N : EPH03DSM-XXG-24

### Ordering Information

No. of positions	Dim. A	Dim. B	No. of positions	Dim. A	Dim. B
10	10.60	8.00	32	32.60	30.00
12	12.60	10.00	34	34.60	32.00
14	14.60	12.00	36	36.60	34.00
16	16.60	14.00	38	38.60	36.00
18	18.60	16.00	40	40.60	38.00
20	20.60	18.00	42	42.60	40.00
22	22.60	20.00	44	44.60	42.00
24	24.60	22.00	46	46.60	44.00
26	26.60	24.00	48	48.60	46.00
28	28.60	26.00	50	50.60	48.00
30	30.60	28.00			

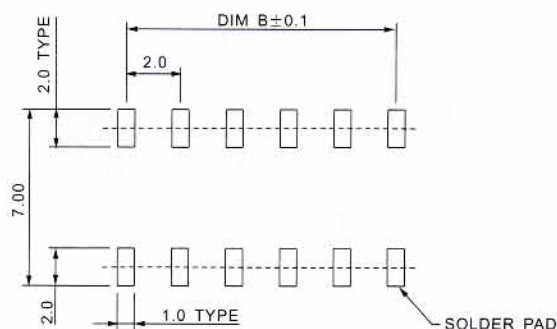
### Ordering Information

**EPH03DSM-XXG-45**

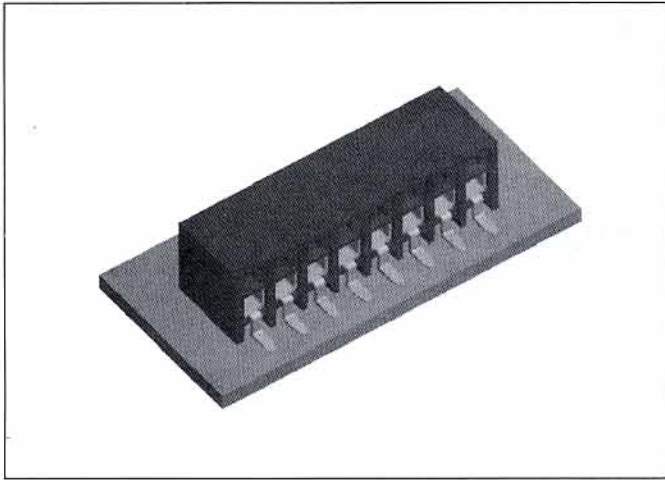
① ② ③ ④

① SM:SMD Type	② No. of Contacts G: Gold Plated SG: Selective Gold	④ 45:4.5 24:2.4 Height
---------------	---	------------------------------

### Recommended PCB Layout



Unit:mm

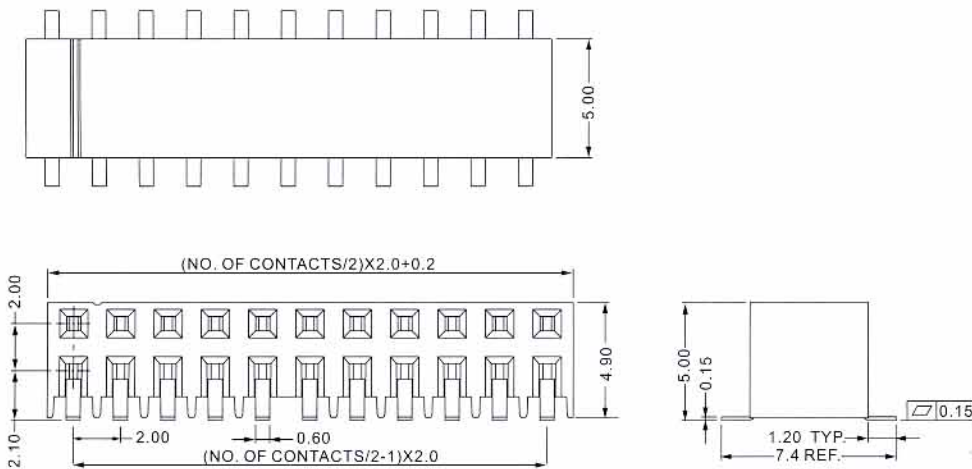


■ **Specifications:**

Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 20m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°C to +105°C

■ **Material and Finish:**

Insulator : High Temp. Plastic( UL94V-0)  
Contact : Copper Alloy  
Finish : Gold Plated

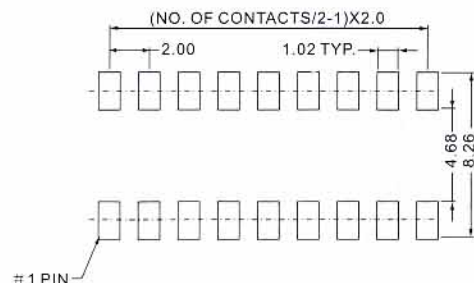


■ **Ordering Information**

**ESK03BR** — **XXG** — **SM**  
 ① ② ③

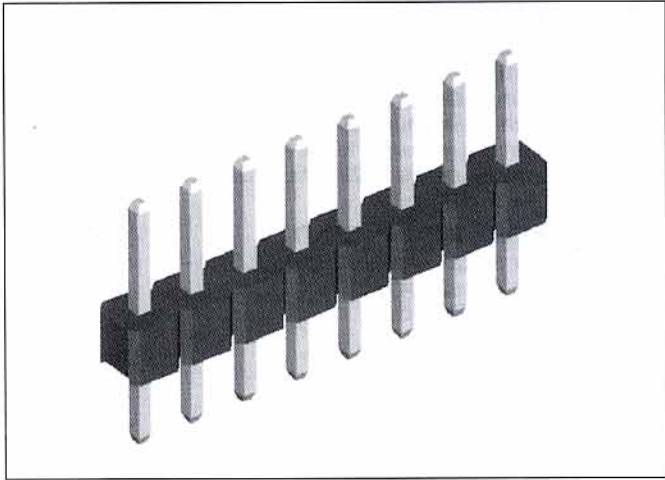
① No. Of Contacts	③ SM: SMD Type
② G: Gold Plated	

■ **Recommended PCB Layout**



Unit:mm



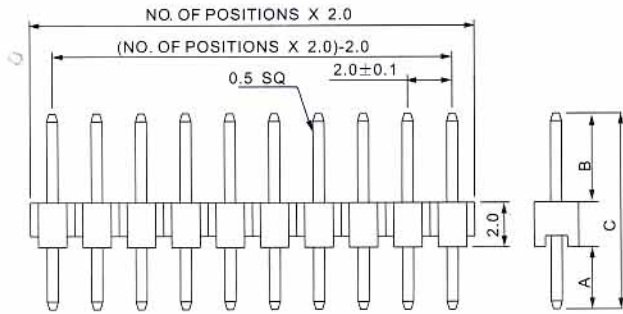


### Specifications:

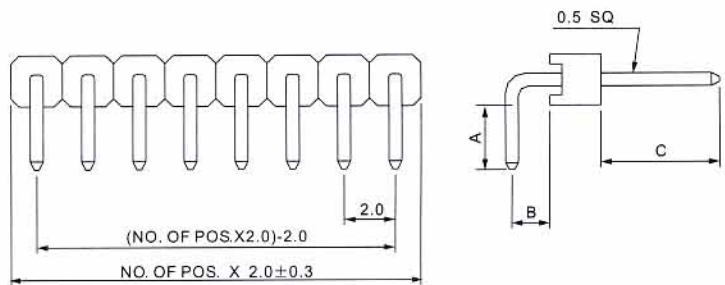
- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +105°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Gold/Tin Plated



A=2.8, B=4.0, C=8.8mm  
P/N : EPH03S-XXG  
Standard Type



A=2.8, B=1.5, C=4.0mm  
P/N : EPH03R-XXG  
Standard Type

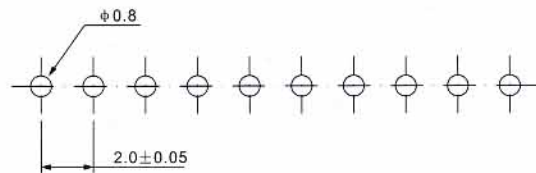
### Ordering Information

**EPH03S-XXG-XXXX**

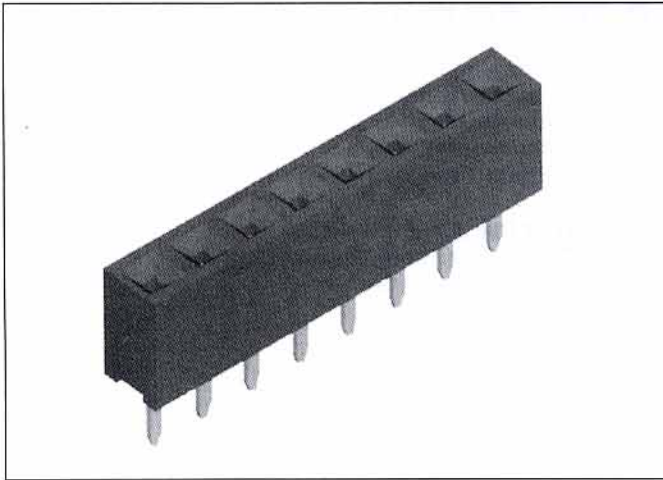
①      ②   ③      ④

① S: Straight R: Right Angle	② No. of Contacts ③ G: Gold, T: Tin SG: Selective Gold	④ Special Length Part Number
---------------------------------	--	------------------------------

### Recommended PCB Layout



Unit:mm

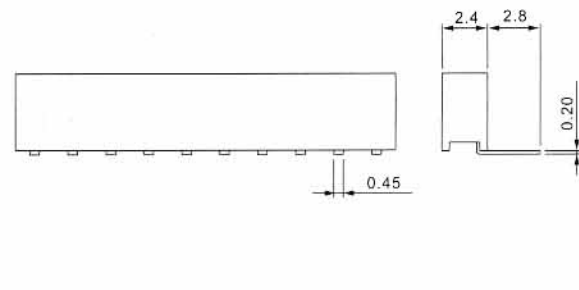
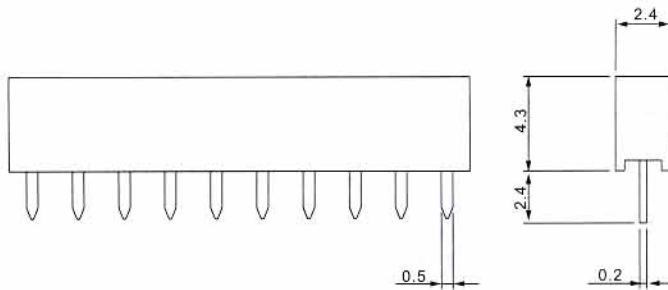
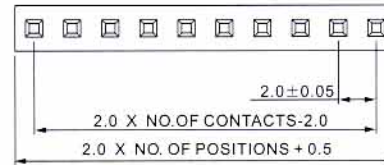
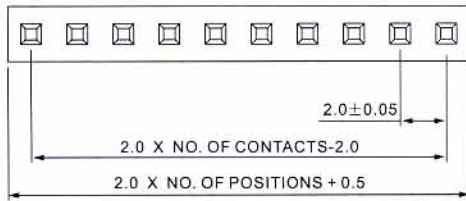


### ■ Specifications:

Current rating : 1.0A AC/DC  
 Voltage rating : 50V AC/DC  
 Contact resistance : 20m ohm max  
 Insulation resistance : 5000 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -25°C to +105°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Phosphor Bronze  
 Finish : Gold Plated



P/N : ESK03S-XXG

P/N : ESK03R-XXG

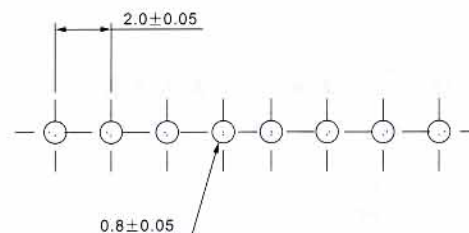
### ■ Ordering Information

**ESK03S-XXG-XXXX**

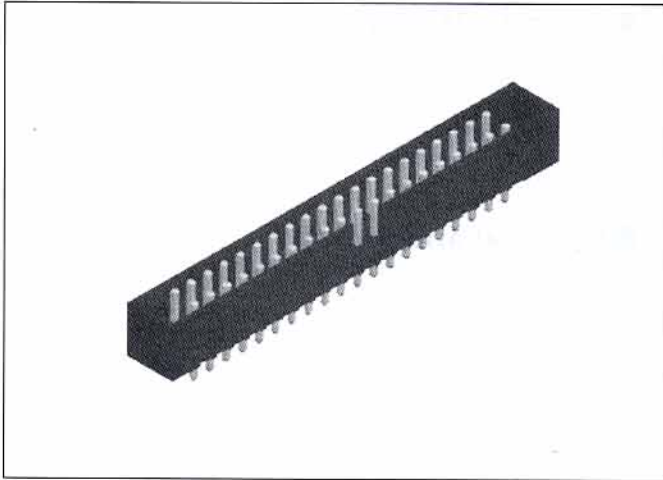
1   
 2 3   
 4

<p><b>1</b> S: Straight R: Right Angle</p>	<p><b>2</b> No. of Contacts <b>3</b> G: Gold, T: Tin SG: Selective Gold</p>	<p><b>3</b> Special Length Part Number</p>
--	---	--

### ■ Recommended PCB Layout



Unit:mm

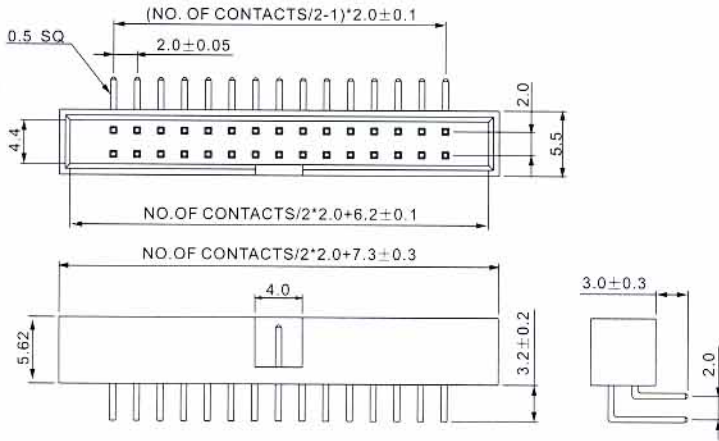


### ■ Specifications:

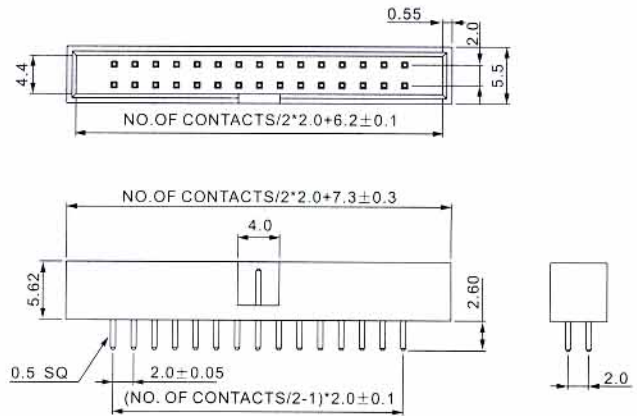
- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 5000m ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -40°C to +105°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic(UL94V-0)
- Contact : Copper Alloy
- Finish : Gold/Plated



P/N : EBH02R-XXG



P/N : EBH02S-XXG

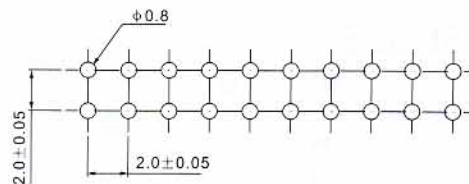
### ■ Ordering Information

**EBH02S-XXG**

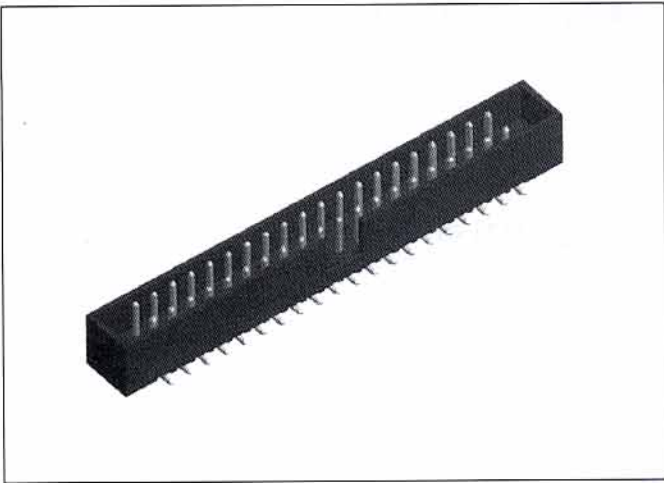
①    ②    ③

- |                                 |                                       |
|---------------------------------|---------------------------------------|
| ① S: Straight<br>R: Right Angle | ② No. Of Contacts<br>③ G: Gold Plated |
|---------------------------------|---------------------------------------|

### ■ Recommended PCB Layout





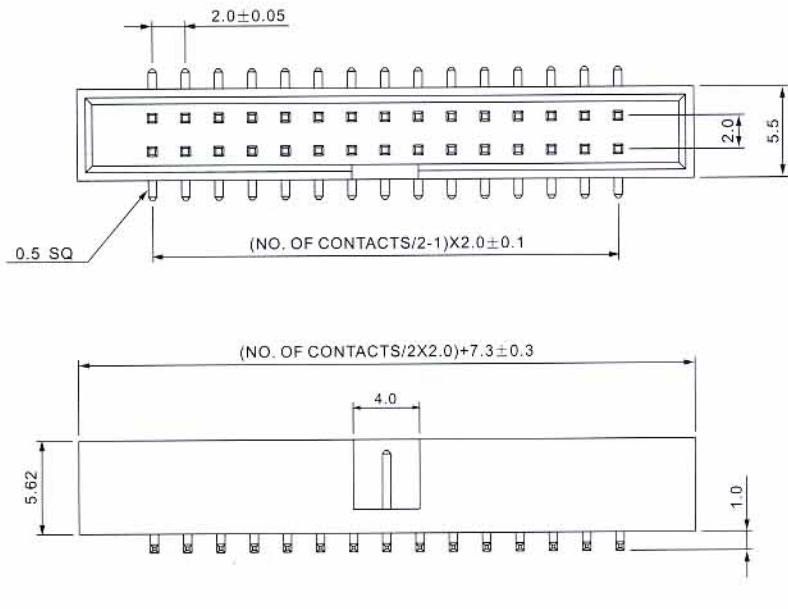


**Specifications:**

Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 20m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -40°C to +105°C

**Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Gold Plated



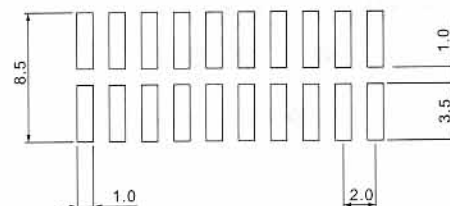
**Ordering Information**

**EBH02SM—XXG**

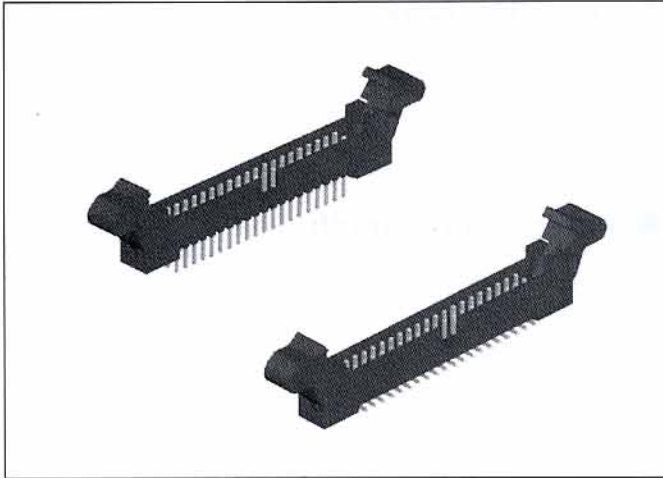
①      ②      ③

① SM: SMD Type	② No. Of Contacts
	③ G: Gold Plated

**Recommended PCB Layout**



Unit:mm

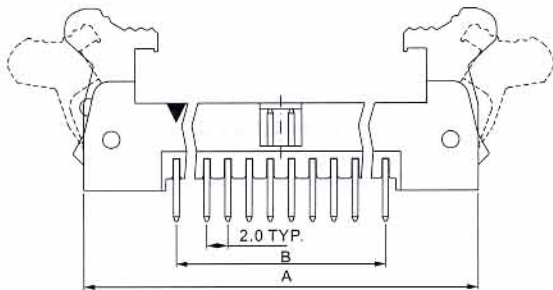


### Specifications:

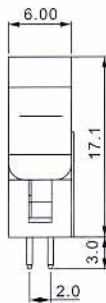
Current rating : 1.0A AC/DC  
 Voltage rating : 50V AC/DC  
 Contact resistance : 20m ohm max  
 Insulation resistance : 1000 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -40°C to +85°C

### Material and Finish:

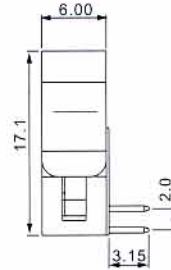
Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Copper Alloy  
 Finish : Gold Plated



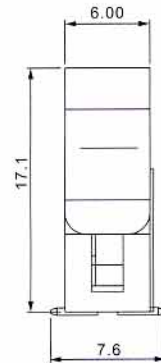
EJP02AG



EEH01S-XXG



EEH01R-XXG



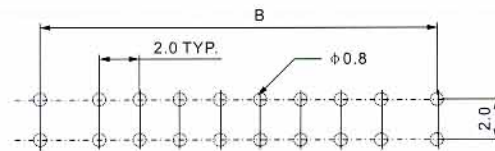
EEH01SM-XXG

### Engering Dimension

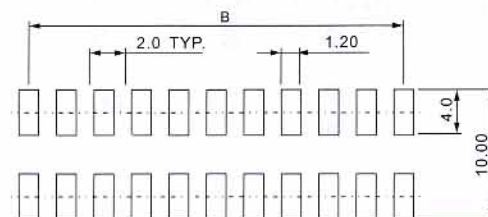
NUMBER OF POSITION	DIMENSIONS	
	A	B
10	25.70	8.00
12	27.70	10.00
14	29.70	12.00
16	31.70	14.00
20	35.70	18.00
22	37.70	20.00
24	39.70	22.00

NUMBER OF POSITION	DIMENSIONS	
	A	B
26	41.70	24.00
30	45.70	28.00
34	49.70	32.00
40	55.70	38.00
44	59.70	42.00
50	65.70	48.00
68	83.70	66.00

### Recommended PCB Layout



Dip Type



SMD Type

### Ordering Information

**EEH01S-XXG**

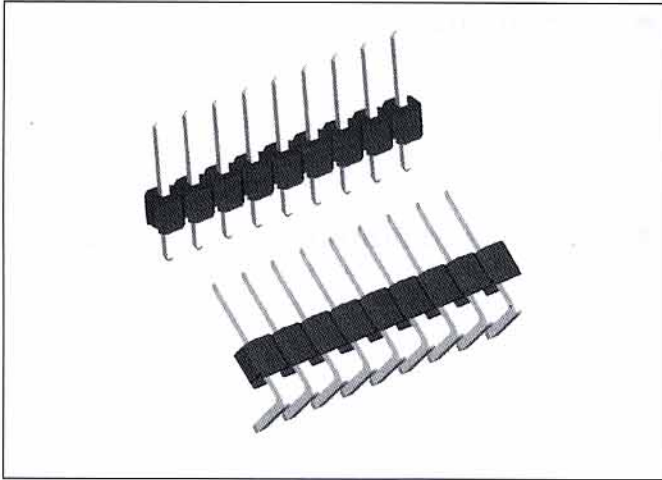
①      ②      ③

① S: Straight  
 R: Right Angle  
 SM: SMD Type

② No. Of Contacts

③ G: Gold Plated

Unit:mm

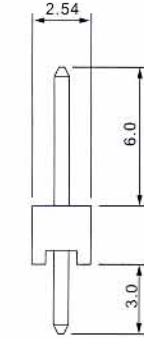
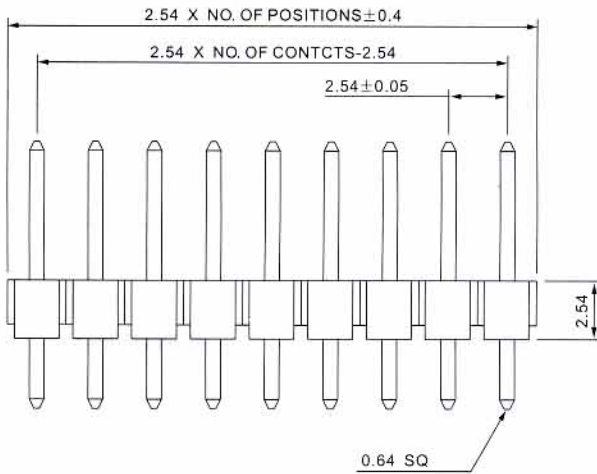


### Specifications:

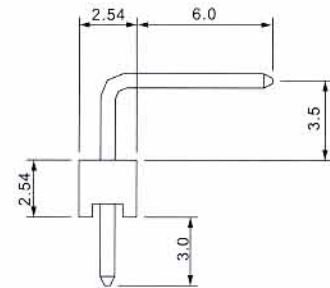
- Current rating : 3.0A AC/DC
- Voltage rating : 500V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -25°C to +105°C

### Material and Finish:

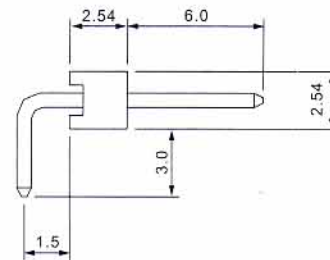
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Brass
- Finish : Gold/Tin/Selective Gold Plated



P/N : EPH04S-XXG



P/N : EPH04R-XXG



P/N : EPH04R-XXG-LP

### Ordering Information

**EPH04S/R-XXG-LP**

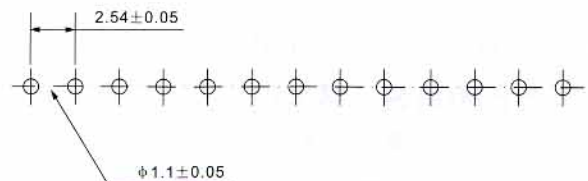
①      ②      ③      ④

① S: Straight  
R: Right Angle

② No. of Contacts  
③ G: Gold, T: Tin  
SG: Selective Gold

④ LP: LP Type

### Recommended PCB Layout



Unit:mm

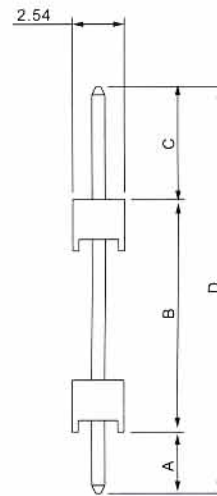
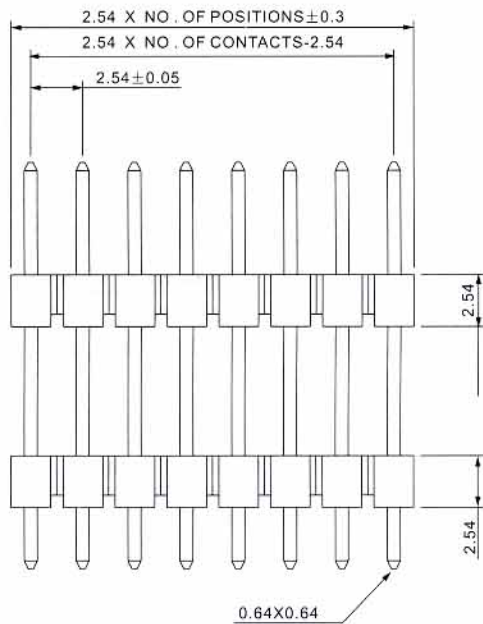
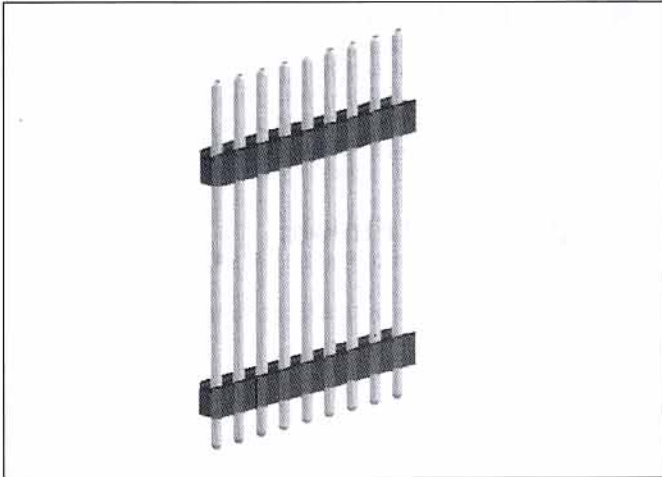


### ■ Specifications:

- Current rating : 3.0A AC/DC
- Voltage rating : 500V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -25°C to +105°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Gold/Tin Plated



A/B/C/D Dimension Will Be Advise By Value Customers

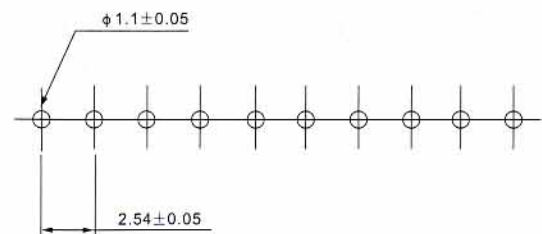
### ■ Ordering Information

**EPH05S — XXG — XXXX**

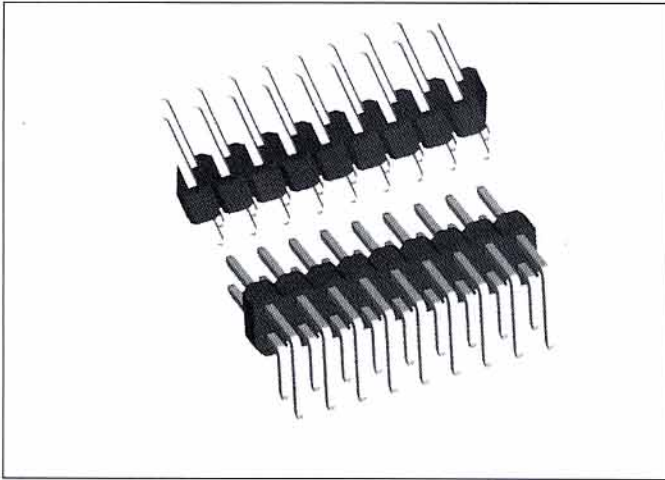
①      ②      ③      ④

<p>① Double Insulator Single row</p>	<p>② No. of Contacts ③ G: Gold Plated T: Tin Plated</p>	<p>④ Special Length Of Part Number</p>
--	---	--

### ■ Recommended PCB Layout



Unit:mm

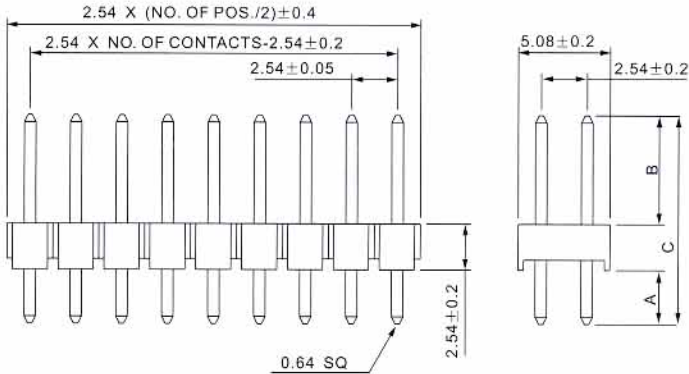


**Specifications:**

- Current rating : 3.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +105°C

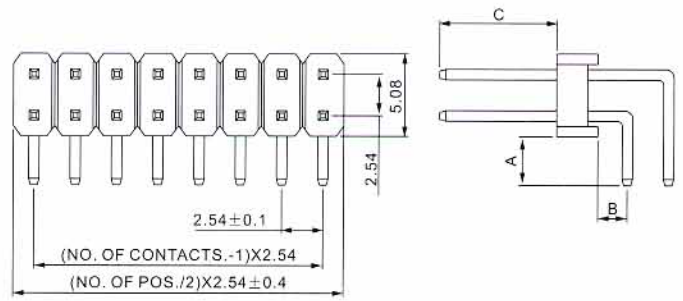
**Material and Finish:**

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Brass
- Finish : Gold/Tin/Selective Gold Plated



A=3.0, B=6.0, C=11.54mm  
 P/N : EPH04DS-XXG  
 Standard Type

Straight Type Of Special Lengh  
 From 8-40mm All Are Available



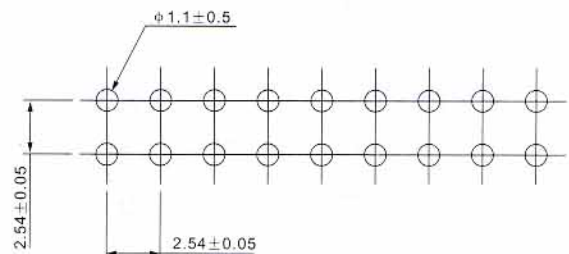
A=3.0, B=1.5, C=6mm  
 P/N : EPH04DR-XXG  
 Standard Type

**Ordering Information**

**EPH04DS-XXG-XXXX**

① S: Straight R: Right Angle	② No. of Contacts ③ G: Gold, T: Tin SG: Selective Gold	④ Special Length Of Part Number
---------------------------------	--	------------------------------------

**Recommended PCB Layout**



Unit:mm

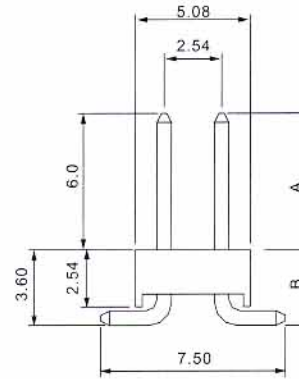
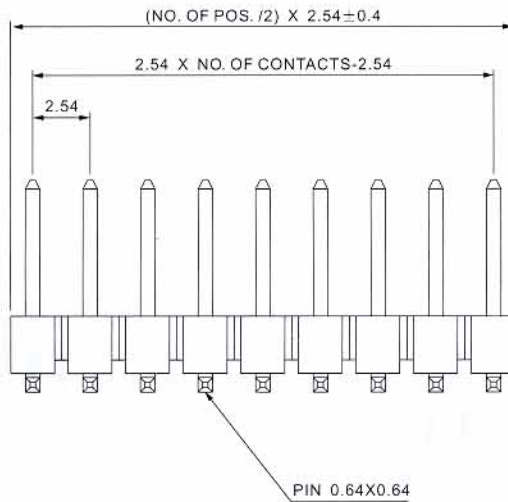


### ■ Specifications:

Current rating : 3.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 20m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°C to +105°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Gold Plated



Standard Type

**A:6.0/B:3.6mm Dimension Will Be Standard**  
**A/B Dimension Will Be Advise By Value Customers**

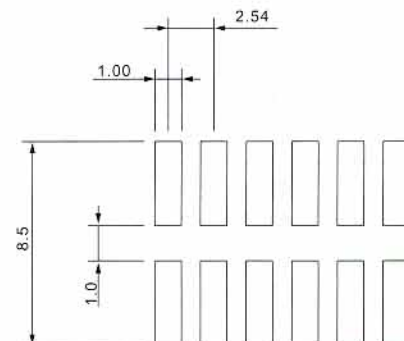
### ■ Ordering Information

**EPH04DSM — XXG — XXXX**

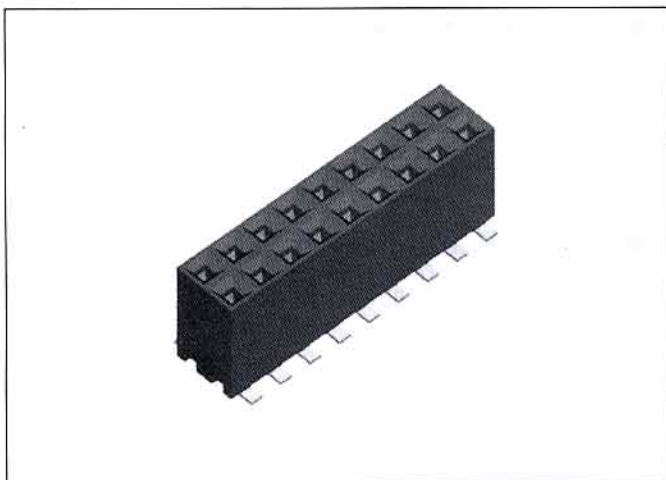
①      ②      ③      ④

① SM:SMD Type	② No. of Contacts G:Gold Plated SG>Selective Gold	④ Special Length Of Part Number
---------------	---	------------------------------------

### ■ Recommended PCB Layout





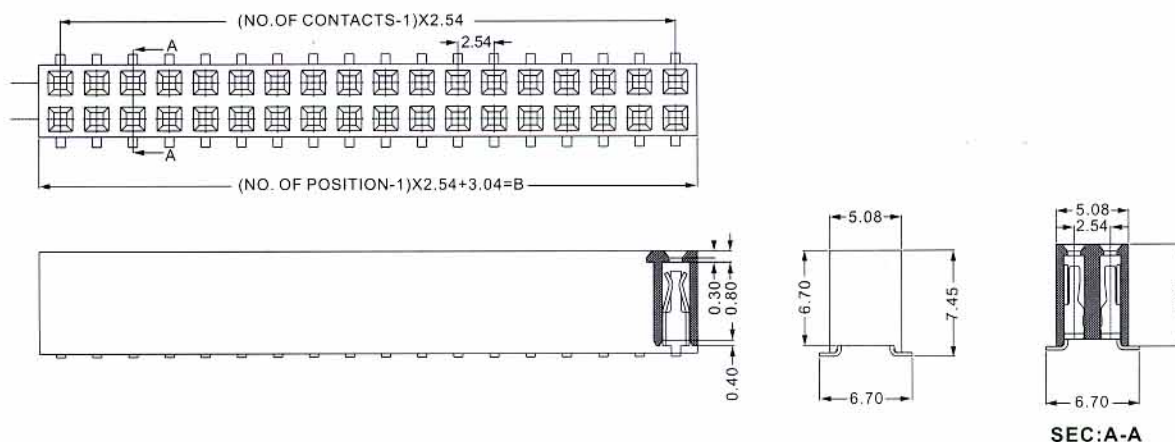


### ■ Specifications:

Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -25°C to +125°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Gold Plated



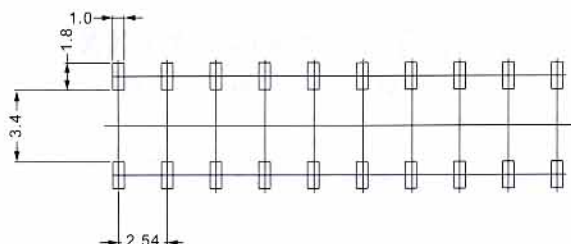
### ■ Ordering Information

**ESK04DSM—XXG—75**

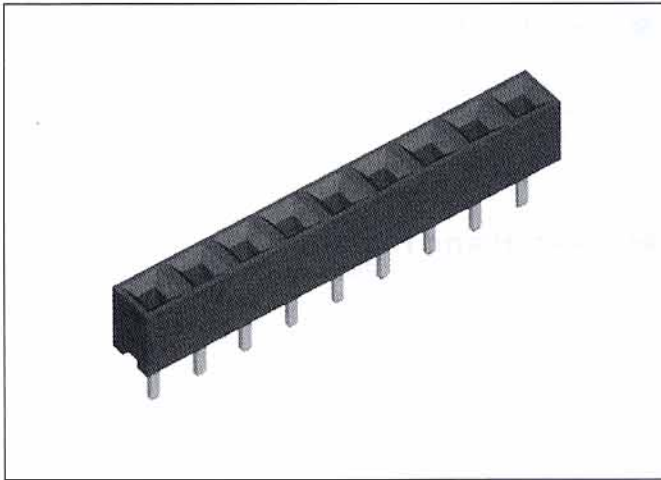
①      ②      ③      ④

① SM:SMD Type	② No. of Contacts	③ G:Gold Plated	④ Height
---------------	-------------------	-----------------	----------

### ■ Recommended PCB Layout



Unit:mm

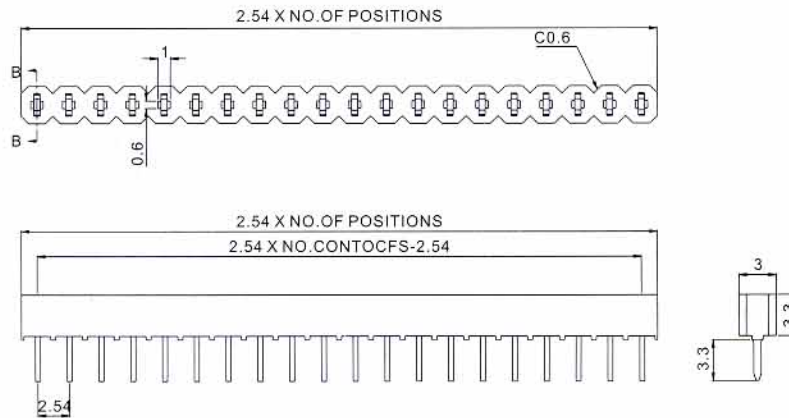
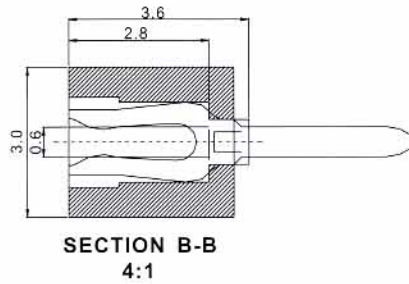


### ■ Specifications:

Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -25°C to +125°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Selective Gold Plated



### ■ Ordering Information

**ESK04S** — **XXSG** — **36**

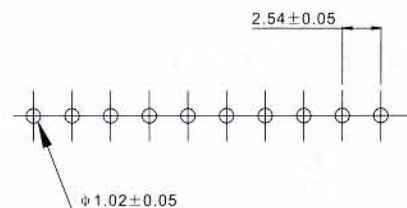
①      ②      ③

① Straight

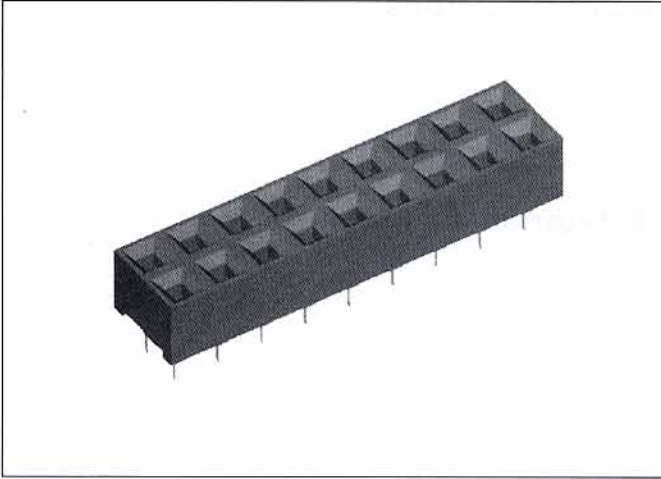
② No. of Contacts

③ SG: Selective Gold

### ■ Recommended PCB Layout



Unit:mm

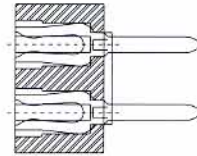
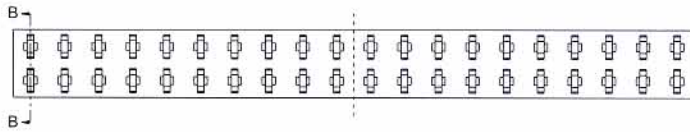


### ■ Specifications:

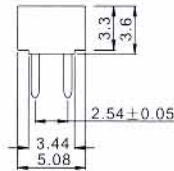
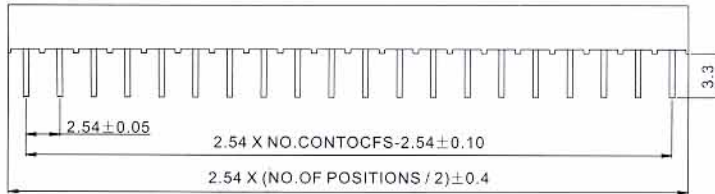
Current rating : 3.0A AC/DC  
 Voltage rating : 250V AC/DC  
 Contact resistance : 20 m ohm max  
 Insulation resistance : 1000 M ohm min  
 Withstanding voltage : 1000V AC/minute  
 Temperature range : -25°C to +125°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Phosphor Bronze  
 Finish : Gold, Tin Plated.



SECTION B-B



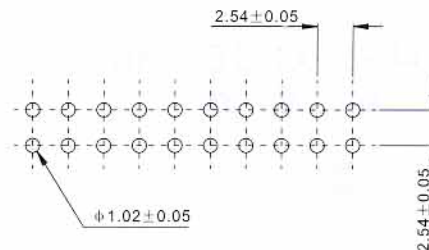
### ■ Ordering Information

**ESK04DS—XXSG—36**

①    ②    ③

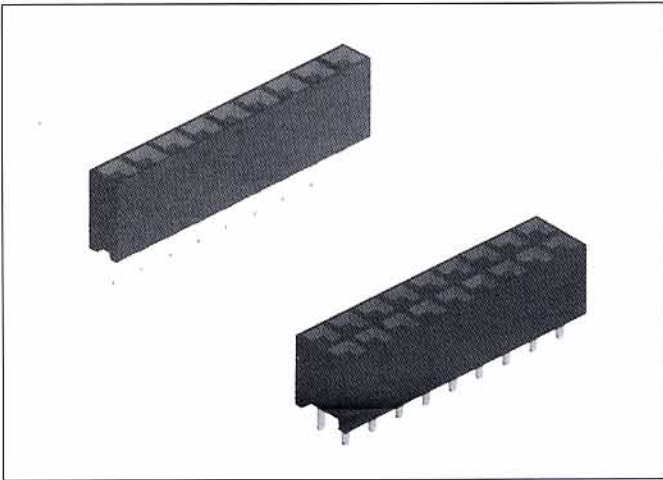
① S: Straight	② No. of Contacts
	③ SG: Selective Gold

### ■ Recommended PCB Layout



Unit:mm



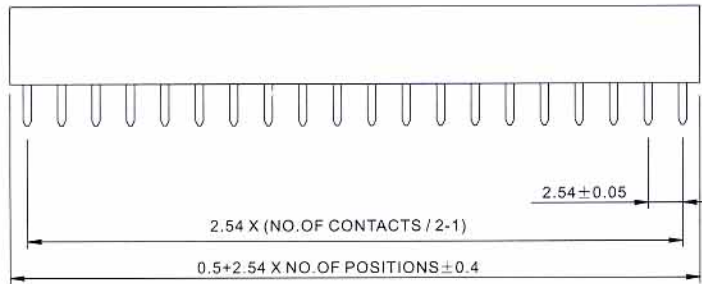


### ■ Specifications:

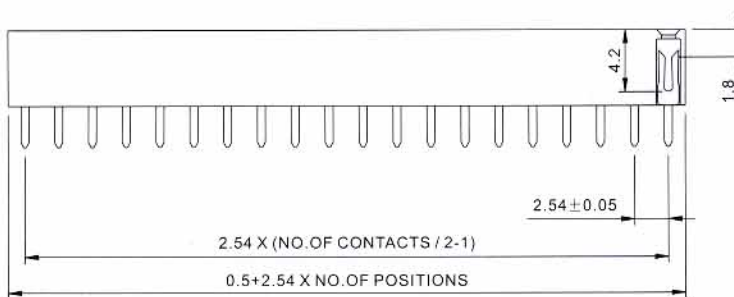
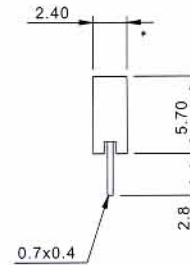
Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -25°C to +125°C

### ■ Material and Finish:

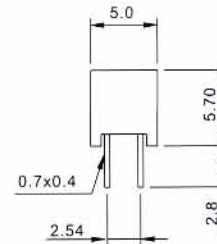
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Gold, Tin Plated.



P/N : ESK04S-XXSG-57



P/N : ESK04DS-XXSG-57



### ■ Ordering Information

**ESK04S** — **XXSG** — **57**

①      ②      ③      ④

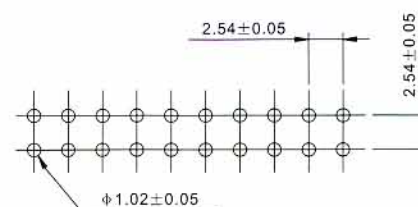
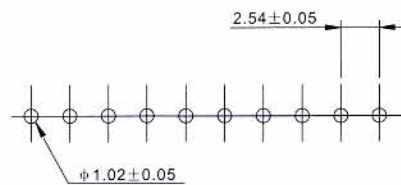
① S:Single row Straight	② No. of Contacts	③ SG:Selective Gold	④ 5.7mm Height
-------------------------	-------------------	---------------------	----------------

**ESK04DS** — **XXSG** — **57**

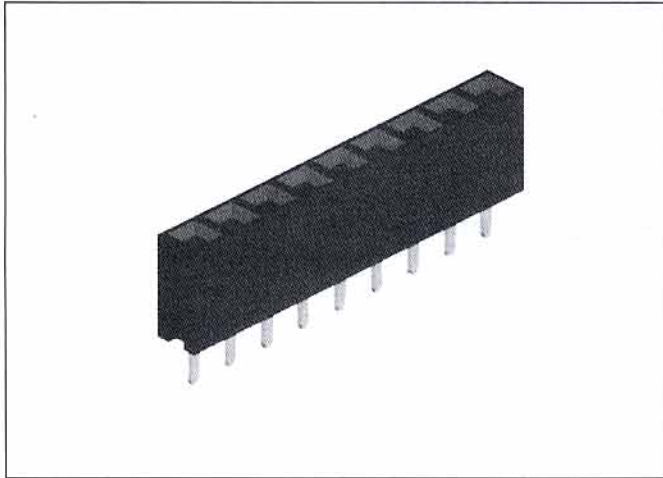
①      ②      ③      ④

① DS:Double row Straight	② No. of Contacts	③ SG:Selective Gold	④ 5.7mm Height
--------------------------	-------------------	---------------------	----------------

### ■ Recommended PCB Layout



Unit:mm

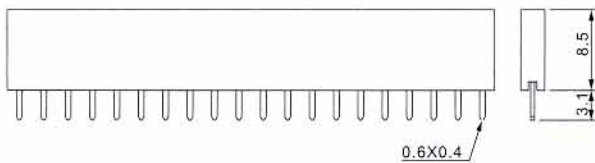
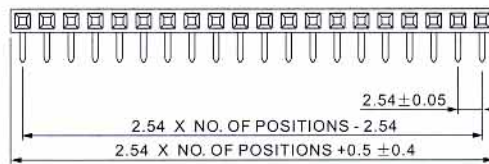
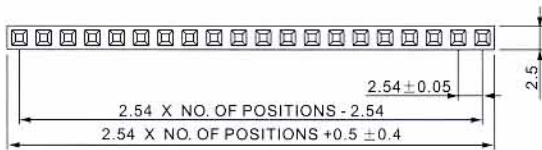


### ■ Specifications:

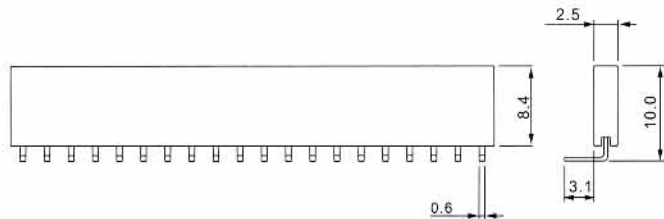
Current rating : 3.0A AC/DC  
 Voltage rating : 250V AC/DC  
 Contact resistance : 20m ohm max  
 Insulation resistance : 1000 M ohm min  
 Withstanding voltage : 1000V AC/minute  
 Temperature range : -25°C to +125°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Phosphor Bronze  
 Finish : Selective Gold Plated



P/N : ESK04S-XXSG-85  
Standard Type



P/N : ESK04R-XXSG-85  
Standard Type

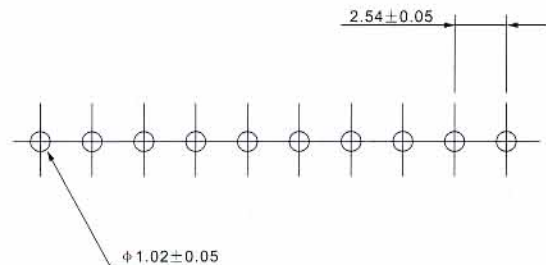
### ■ Ordering Information

**ESK04S — XXSG — 85**

①      ②      ③      ④

① S: Straight R: Right Angle	② No. of Contacts	③ SG: Selective Gold	④ 8.5mm Height
---------------------------------	-------------------	----------------------	----------------

### ■ Recommended PCB Layout

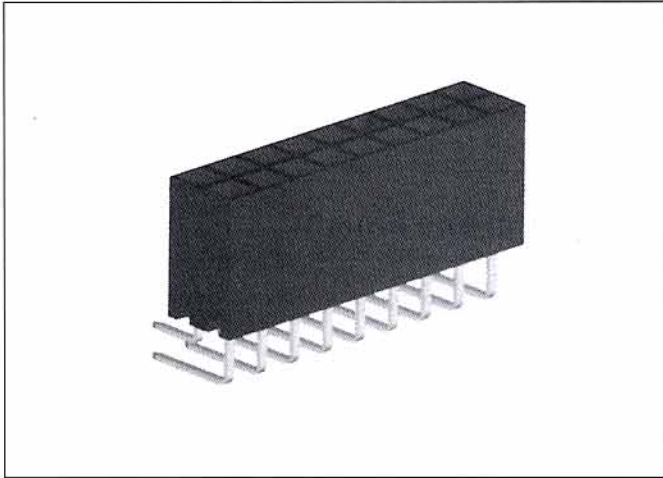


Unit:mm

# 2.54mm PCB Socket Double Rows Standard Type 8.5mm

ESK04D-85 Series

## Board to Board

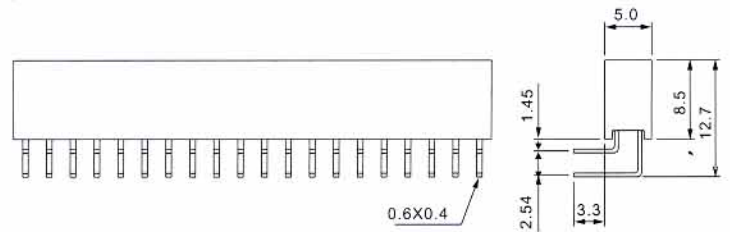
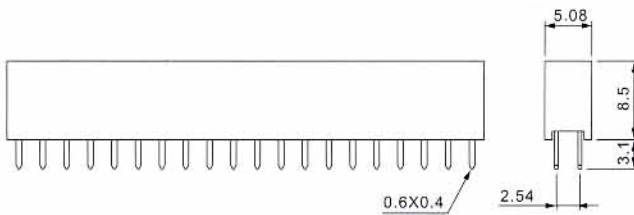
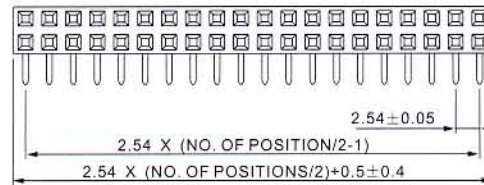
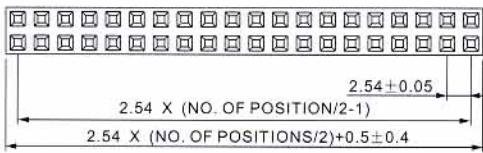


### ■ Specifications:

Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -25°C to +125°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Selective Gold Plated



P/N : ESK04DS-XXSG-85  
STR. Type

P/N : ESK04DR-XXSG-85  
R/A Type

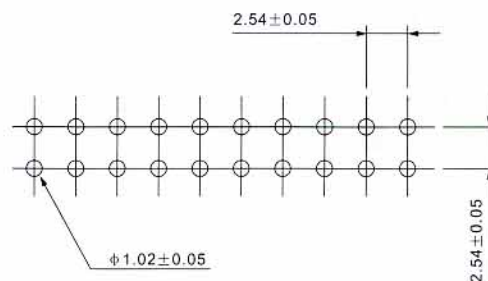
### ■ Ordering Information

**ESK04DS-XXSG-85**

①    ②    ③    ④

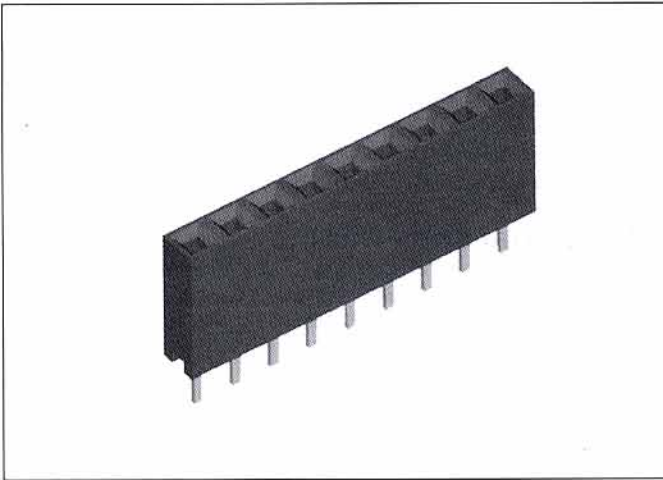
① S: Straight R: Right Angle	② No. of Contacts ③ SG: Selective Gold	④ 8.5mm Height
---------------------------------	---	----------------

### ■ Recommended PCB Layout



Unit:mm



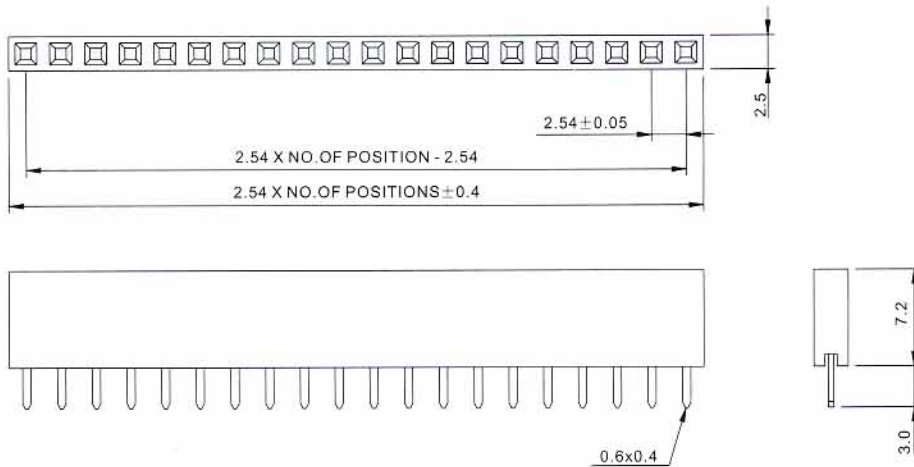


### ■ Specifications:

- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -25°C to +125°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Gold, Tin Plated.



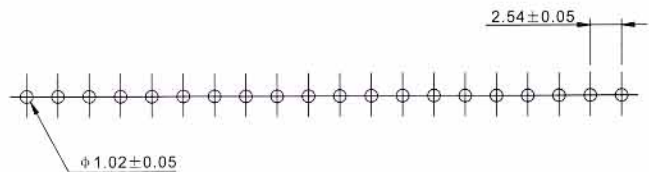
### ■ Ordering Information

**ESK04S — XXSG — 72**

1   
 2   
 3   
 4

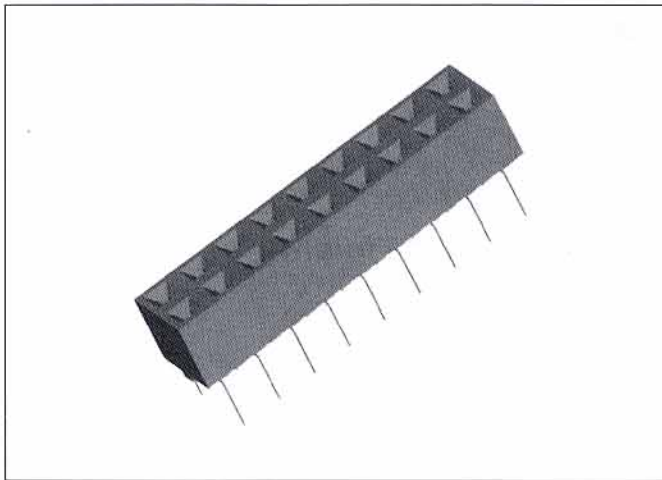
<b>1</b> Straight	<b>2</b> No. of Contacts <b>3</b> SG: Selective Gold	<b>1</b> 7.2mm Height
-------------------	---	-----------------------

### ■ Recommended PCB Layout



PCB LAYOUT

**Unit:mm**

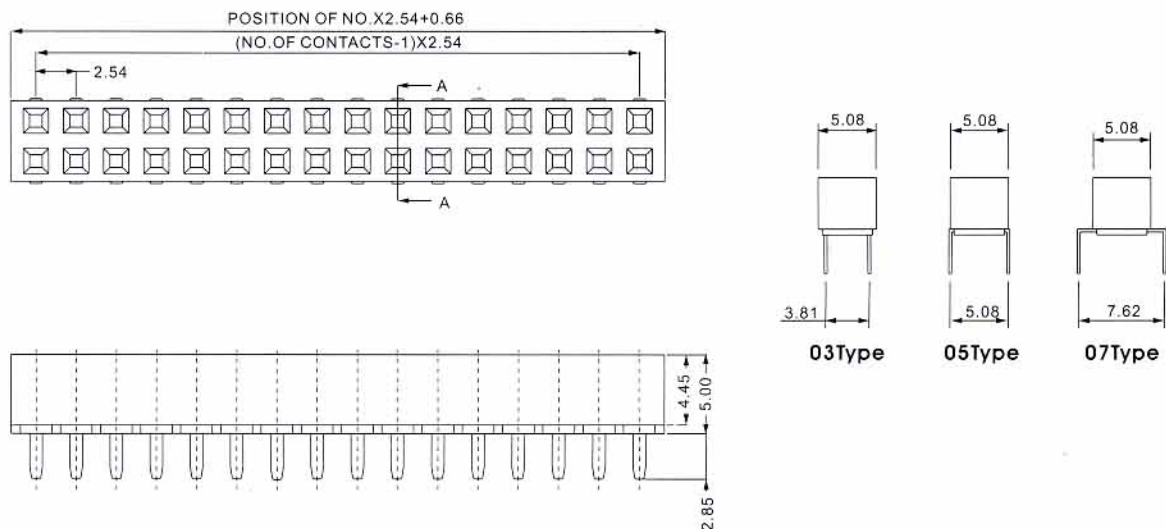


### Specifications:

- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -25°C to +125°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Gold Plated



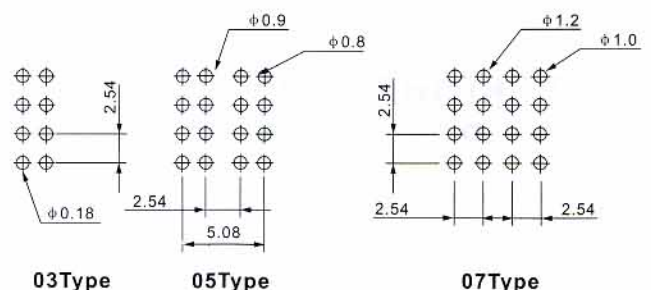
### Ordering Information

**ESK04B-XXG-XX**

①      ②      ③      ④

① B: Bottom Entry	② No. of Contacts	④ Row to Row Space
	③ G: Gold Plated	03:3.81
		05:5.08
		07:7.62

### Recommended PCB Layout



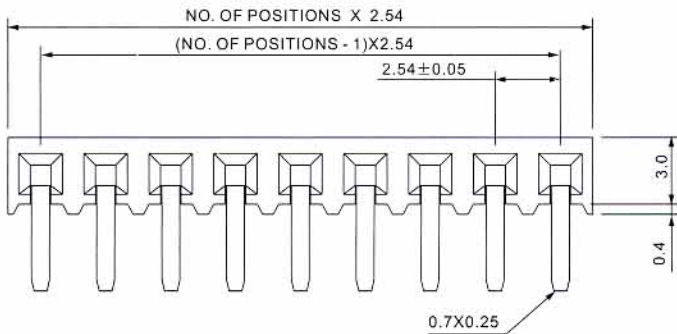
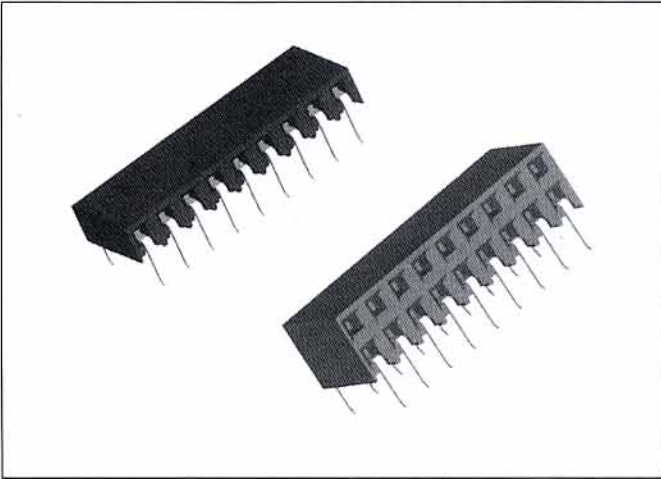
Unit:mm

### Specifications:

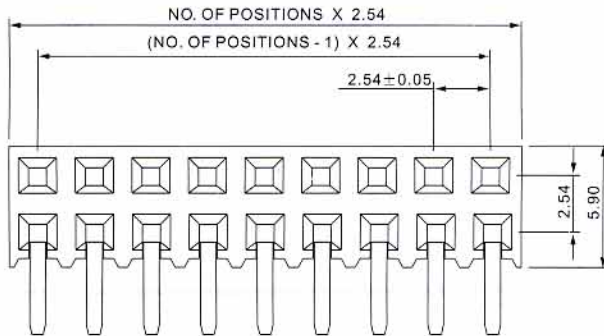
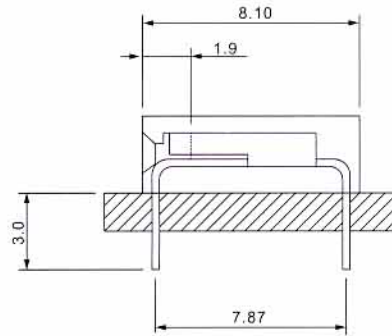
Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -25°C to +125°C

### Material and Finish:

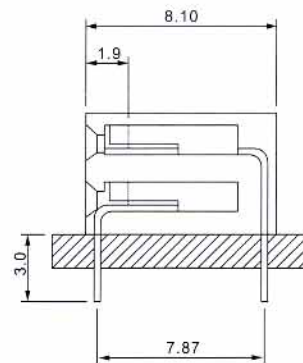
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Gold Plated



P/N : ESK04BR-XXG



P/N : ESK04DBR-XXG



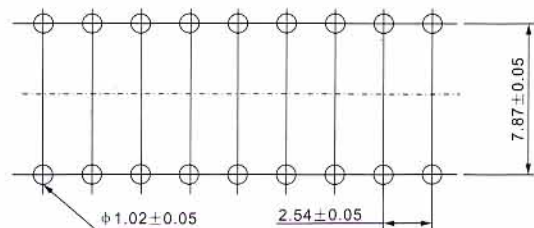
### Ordering Information

## ESK04BR-XXG

①                      ②      ③

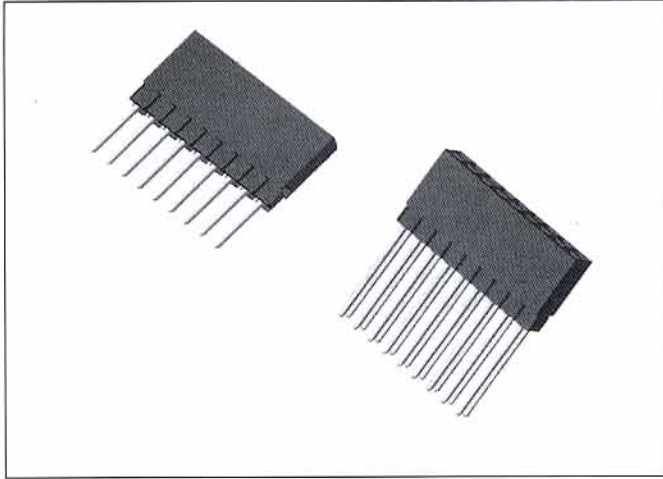
① ESK04: Single Row ESK04D: Double Rows	② No. of Contacts	③ G: Gold Plated
--	-------------------	------------------

### Recommended PCB Layout



Unit:mm



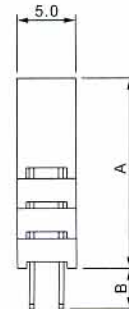
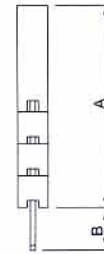
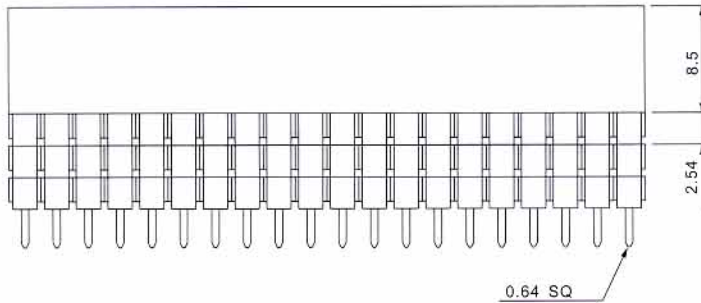
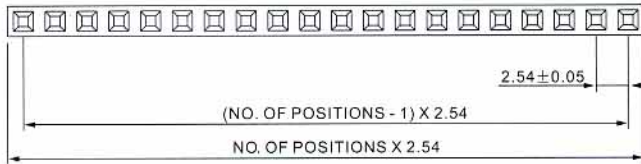


### Specifications:

Current rating : 3.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 20m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°C to +105°C

### Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Gold Plated



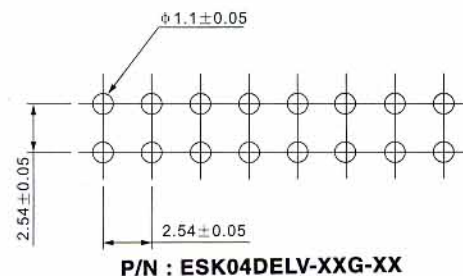
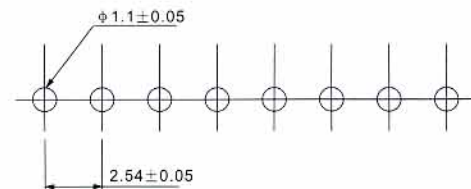
P/N : ESK04SELV-XXG-XX

P/N : ESK04DELV-XXG-XX

### Engineering Dimension

	A	B		A	B		A	B
1A	11.05	2.30	1B	11.05	7.35	1C	11.05	12.2
			2B	13.59	4.85	2C	13.59	9.65
			3B	16.13	2.30	3C	16.13	7.10
						4C	18.67	4.60

### Recommended PCB Layout



### Ordering Information

**ESK04SELV-XXG-XX**

①

②

③

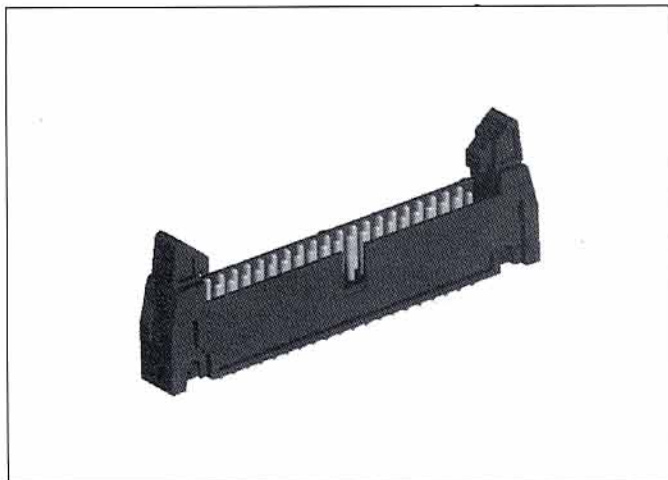
④

① ESK04SELV: Single Row  
ESK04DELV: Double Rows

② No. of Contacts  
③ G: Gold Plated

④ Options  
1A=Standard

Unit:mm

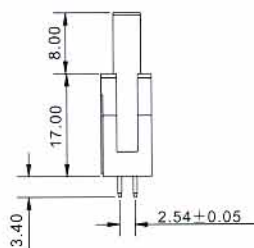
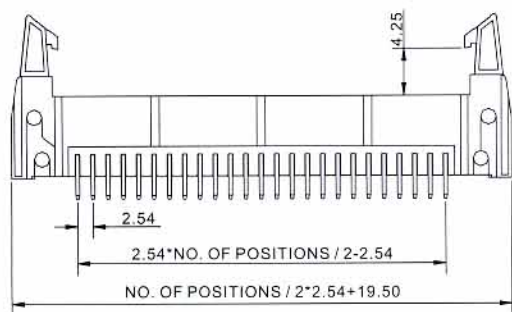
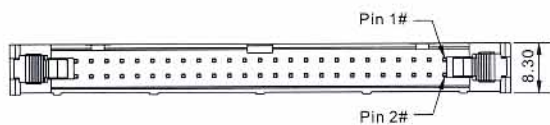


### Specifications:

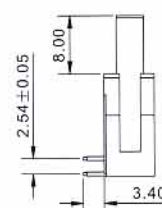
- Current rating : 3.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -55°C to +105°C

### Material and Finish:

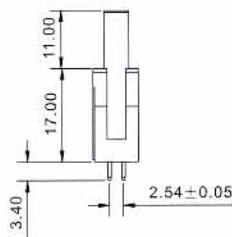
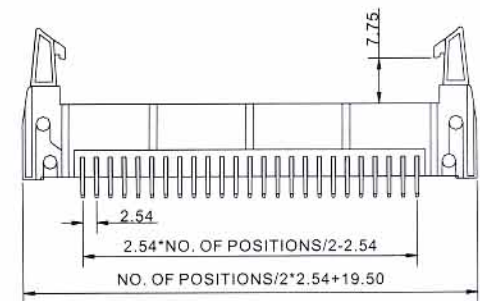
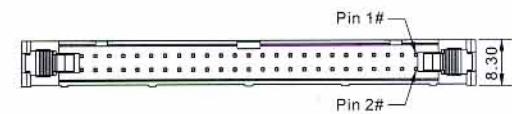
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : S.Q. 0.64mm Brass
- Finish : Gold Plated



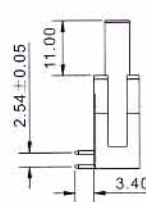
P/N : EEH02S-XXG-01



P/N : EEH02R-XXG-01



P/N : EEH02S-XXG-02



P/N : EEH02R-XXG-02

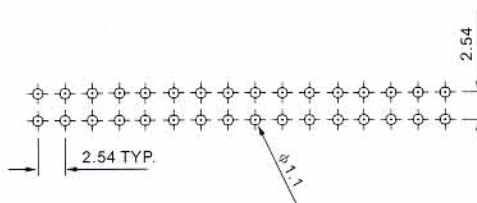
### Ordering Information

**EEH02S-XXG-01**

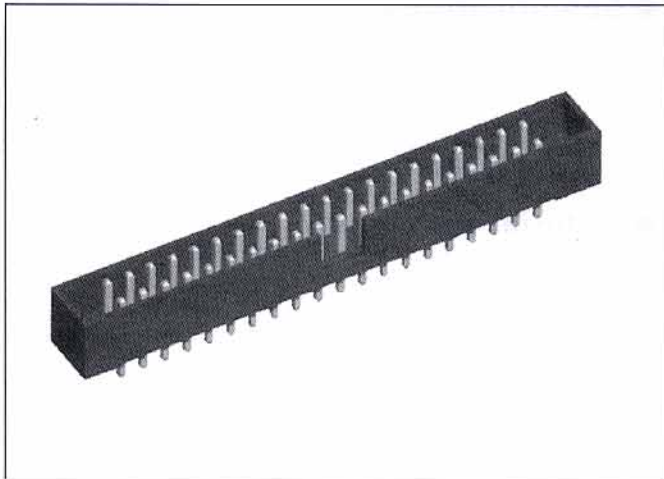
①    ②    ③    ④

① S: Straight R: Right Angle	② No. of Contacts	③ G: Gold Plated	④ 01: Short ejector 02: Long ejector
---------------------------------	-------------------	------------------	---

### Recommended PCB Layout



Unit:mm

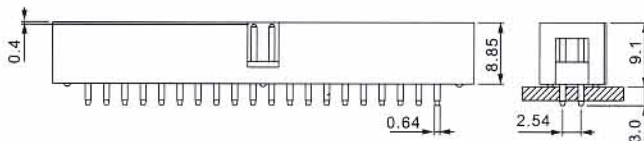
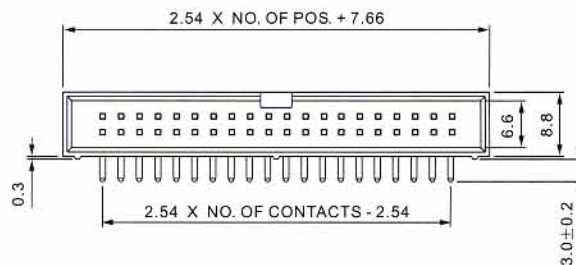
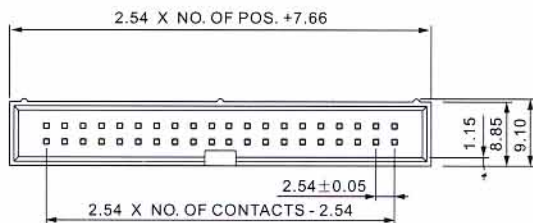


### Specifications:

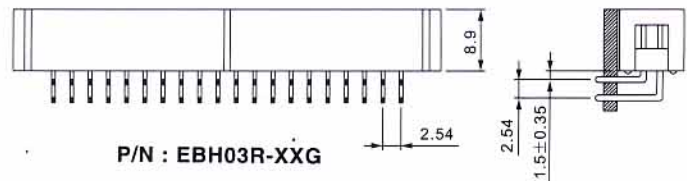
- Current rating : 3.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +105°C

### Material and Finish:

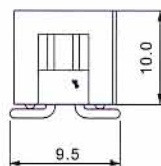
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Gold/Tin/Selective Gold Plated



P/N : EBH03S-XXG



P/N : EBH03R-XXG



P/N : EBH03SM-XXSG

Standard Pin 06/08/10/14/16/20/24/26/30/34/40/40/60/64 Ways

### Ordering Information

**EBH03S-XXG-XX**

①    ②    ③    ④

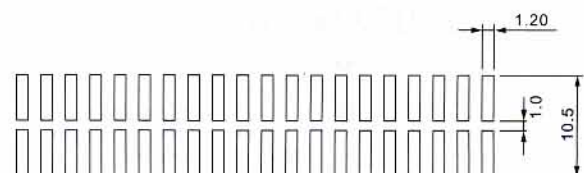
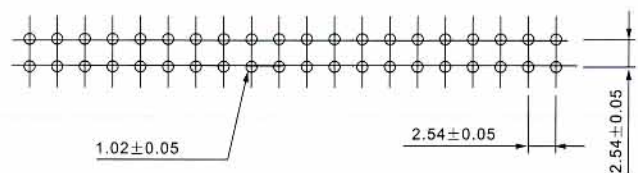
① S: Straight R: Right Angle	② No. Of Contact ③ G: Gold	④ XX: Blank=Black GR: Grey Color
---------------------------------	-------------------------------	-------------------------------------

**EBH03SM-XXSG-XX**

①    ②    ③    ④

① SM: SMD Type	② No. Of Contact ③ SG: Selective gold	④ XX: Blank=Black GR: Grey Color
----------------	--	-------------------------------------

### Recommended PCB Layout



Unit:mm



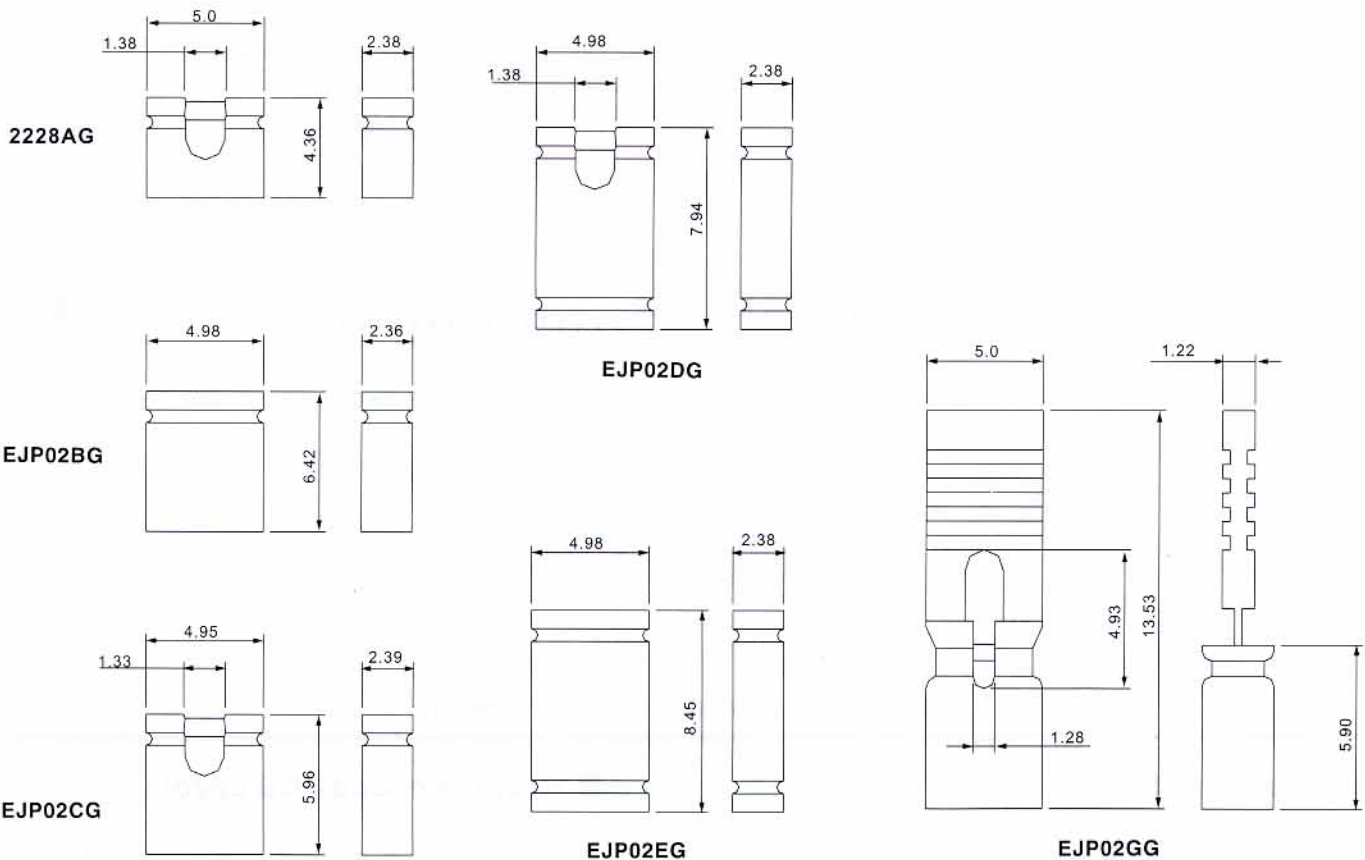


### Specifications:

Current rating : 3.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 20m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -40°C to +105°C

### Material and Finish:

Insulator: High Temp. Plastic (UL94V-0)  
Contact : Phosphor Brass  
Finish : Gold Plated



### Ordering Information

## EJP02XG—XX

① ②

- |                    |  |
|--------------------|--|
| ① Type A,B,C,D,E,G | ② Blank: Standard type /Black color<br>BU=blue / RD=red / YL=yellow<br>WH=white / GN=green |
|--------------------|--|

EJP02AG=4.5MM LENGTH OPEN TYPE (BK)  
EJP02BG=6.4MM LENGTH CLOSE TYPE (BK, BU, RD, YL, WH, GN)  
EJP02CG=6.0MM LENGTH OPEN TYPE (BK, BU, RD, YL, WH, GN)  
EJP02DG=8.0MM LENGTH OPEN TYPE (BK)  
EJP02EG=8.0MM LENGTH CLOSE TYPE (BK)  
EJP02GG= 13MM LENGTH OPEN TYPE (BK, BU, RD, YL, WH, GN)

Unit:mm



Eltron Interconnection  
System Pte Ltd

## 2.54mm Parallel Mini Jumper

UL Certification E224689

EJP03 Series

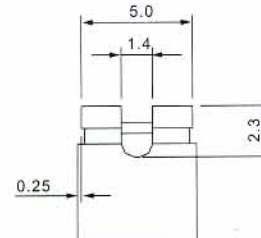
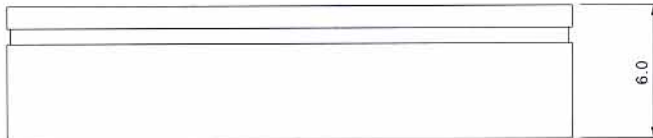
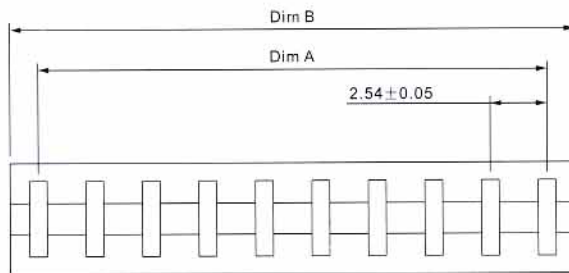
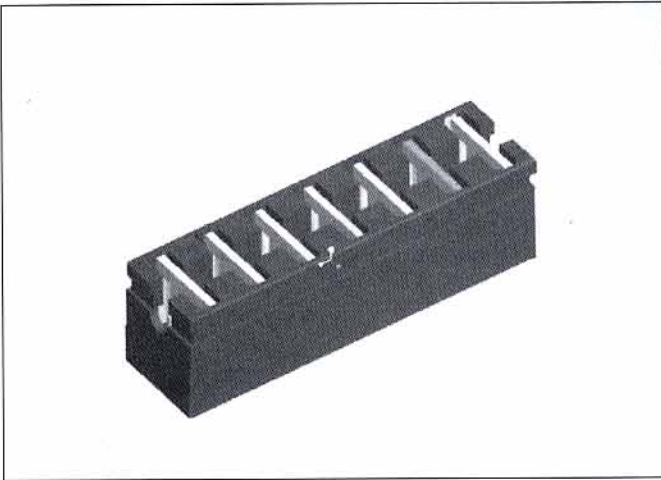
# Mini Jumper

### Specifications:

Current rating : 3.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 20m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -40°C to +105°C

### Material and Finish:

Insulator: High Temp. Plastic (UL94V-0)  
Contact : Phosphor Brass  
Finish : Gold Plated



### Ordering Information

**EJP03—XXG**

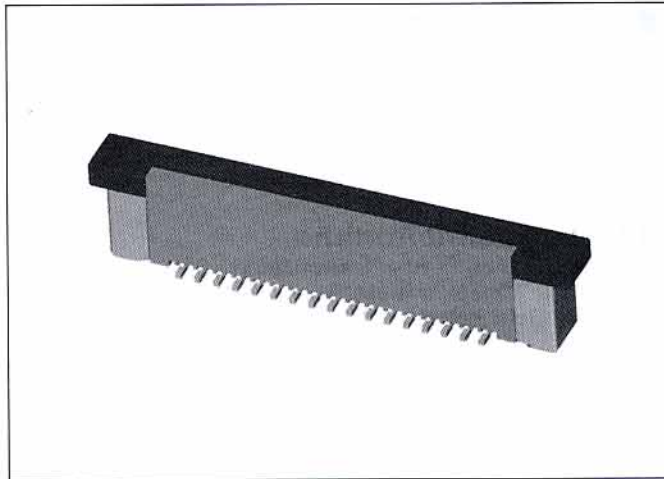
① ②

① No. of Contacts	② G: Gold / T: Tin Plated
-------------------	---------------------------

### Engineering Dimension

CIRCUITS	DIM.A	DIM.B
2	2.54	5.08
3	5.08	7.62
4	7.62	10.16
5	10.16	12.70
6	12.70	15.24
7	15.24	17.78
8	17.78	20.32
9	20.32	22.86
10	22.86	25.40

Unit:mm

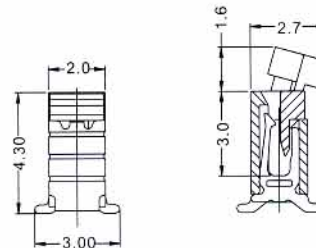
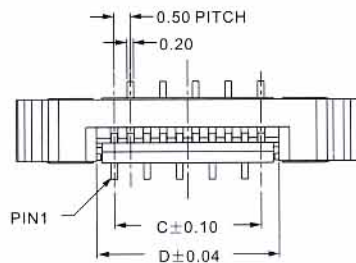


### Specifications:

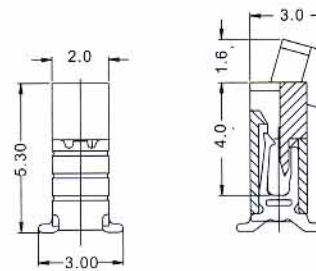
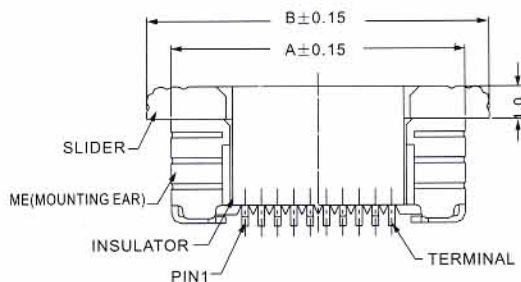
- Current rating : 0.5A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 50 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +85°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated



(4-39P)



(40-50P)

### Engineering Dimension

Circuits	Dim.A	Dim.B	Dim.C	Dim.D	Dim.E	Circuits	Dim.A	Dim.B	Dim.C	Dim.D	Dim.E	Circuits	Dim.A	Dim.B	Dim.C	Dim.D	Dim.E
4	6.0	7.5	1.5	2.62	1.5	20	14.0	15.5	9.5	10.62	9.5	36	22.0	25.5	17.5	18.62	17.5
5	6.5	8.0	2.0	3.12	2.0	21	14.5	16.0	10.0	11.12	10.0	37	22.5	26.0	18.0	19.12	18.0
6	7.0	8.5	2.5	3.62	2.5	22	15.0	16.5	10.5	11.62	10.5	38	23.0	26.5	18.5	19.62	18.5
7	7.5	9.0	3.0	4.12	3.0	23	15.5	17.0	11.0	12.12	11.0	39	23.5	27.0	19.0	20.12	19.0
8	8.0	9.5	3.5	4.62	3.5	24	16.0	17.5	11.5	12.62	11.5	40	24.0	27.5	19.5	20.62	19.5
9	8.5	10.0	4.0	5.12	4.0	25	16.5	18.0	12.0	13.12	12.0	41	24.5	28.0	20.0	21.12	20.0
10	9.0	10.5	4.5	5.62	4.5	26	17.0	18.5	12.5	13.62	12.5	42	25.0	28.5	20.5	21.62	20.5
11	9.5	11.0	5.0	6.12	5.0	27	17.5	19.0	13.0	14.12	13.0	43	25.5	29.0	21.0	22.12	21.0
12	10.0	11.5	5.5	6.62	5.5	28	18.0	19.5	13.5	14.62	13.5	44	26.0	29.5	21.5	22.62	21.5
13	10.5	12.0	6.0	7.12	6.0	29	18.5	20.0	14.0	15.12	14.0	45	26.5	30.0	22.0	23.12	22.0
14	11.0	12.5	6.5	7.62	6.5	30	19.0	20.5	14.5	15.62	14.5	46	27.0	30.5	22.5	23.62	22.5
15	11.5	13.0	7.0	8.12	7.0	31	19.5	21.0	15.0	16.12	15.0	47	27.5	31.0	23.0	24.12	23.0
16	12.0	13.5	7.5	8.62	7.5	32	20.0	21.5	15.5	16.62	15.5	48	28.0	31.5	23.5	24.62	23.5
17	12.5	14.0	8.0	9.12	8.0	33	20.5	22.0	16.0	17.12	16.0	49	28.5	32.0	24.0	25.12	24.0
18	13.0	14.5	8.5	9.62	8.5	34	21.0	22.5	16.5	17.62	16.5	50	29.0	32.5	24.5	25.62	24.5
19	13.5	15.0	9.0	10.12	9.0	35	21.5	23.0	17.0	18.12	17.0						

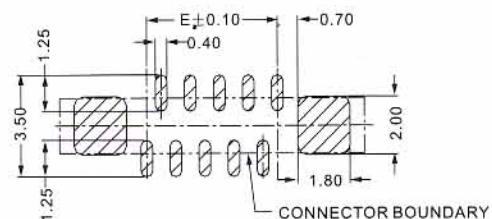
### Ordering Information

FPC03-XX-01

① ②

① No. of Contacts	② 01:Top Entry
-------------------	----------------

### Recommended PCB Layout



Unit:mm

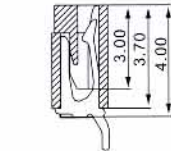
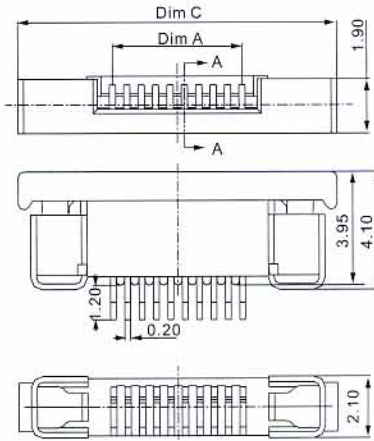
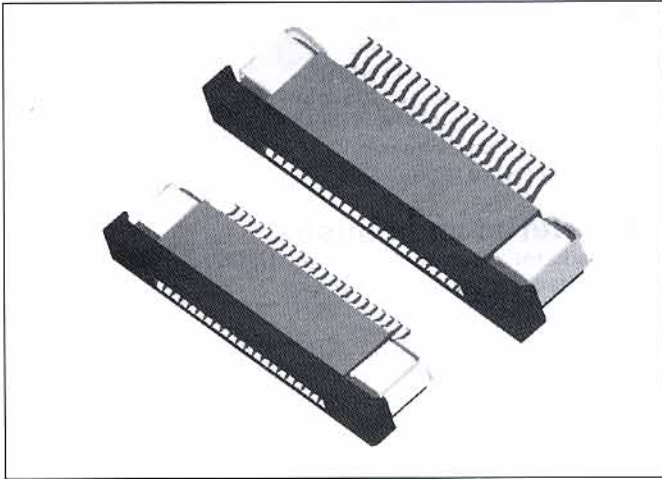


### Specifications:

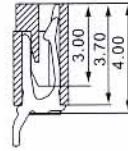
Current rating : 0.5A AC/DC  
 Voltage rating : 50V AC/DC  
 Contact resistance : 20m ohm max  
 Insulation resistance : 50 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -25°C to +85°C

### Material and Finish:

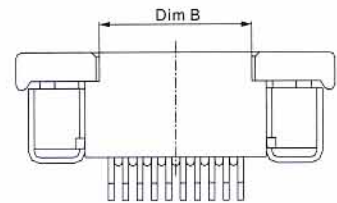
Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Phosphor Bronze  
 Finish : Tin Plated



SECTION : A-A  
P/N : FPC03-XX-02



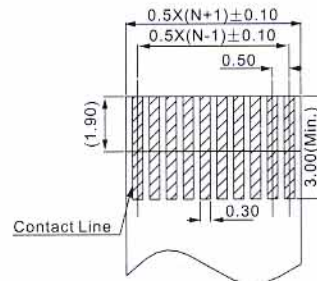
SECTION : A-A  
P/N : FPC03-XX-03



### Engineering Dimension

No. Of Pin	Dim.A	Dim.B	Dim.C
4	1.50	2.30	8.10
5	2.00	2.80	8.60
6	2.50	3.30	9.10
7	3.00	3.80	9.60
8	3.50	4.30	10.10
9	4.00	4.80	10.60
10	4.50	5.30	11.10
11	5.00	5.80	11.60
12	5.50	6.30	12.10
13	6.00	6.80	12.60
14	6.50	7.30	13.10
15	7.00	7.80	13.60
16	7.50	8.30	14.10
17	8.00	8.80	14.60
18	8.50	9.30	15.10
19	9.00	9.80	15.60
20	9.50	10.30	16.10
21	10.00	10.80	16.60
22	10.50	11.30	17.10
23	11.00	11.80	17.60
24	11.50	12.30	18.10
25	12.00	12.80	18.60
26	12.50	13.30	19.10
27	13.00	13.80	19.60

No. Of Pin	Dim.A	Dim.B	Dim.C
28	13.50	14.30	20.10
29	14.00	14.80	20.60
30	14.50	15.30	21.10
31	15.00	15.80	21.60
32	15.50	16.30	22.10
33	16.00	16.80	22.60
34	16.50	17.30	23.10
35	17.00	17.80	23.60
36	17.50	18.30	24.10
37	18.00	18.80	24.60
38	18.50	19.30	25.10
39	19.00	19.80	25.60
40	19.50	20.30	26.10
41	20.00	20.80	26.60
42	20.50	21.30	27.10
43	21.00	21.80	27.60
44	21.50	22.30	28.10
45	22.00	22.80	28.60
46	22.50	23.30	29.10
47	23.00	23.80	29.60
48	23.50	24.30	30.10
49	24.00	24.80	30.60
50	24.50	25.30	31.10



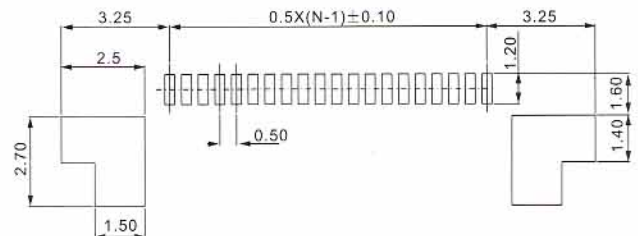
Thickness: 0.30 ± 0.05  
FPC Dimension Reference

### Ordering Information

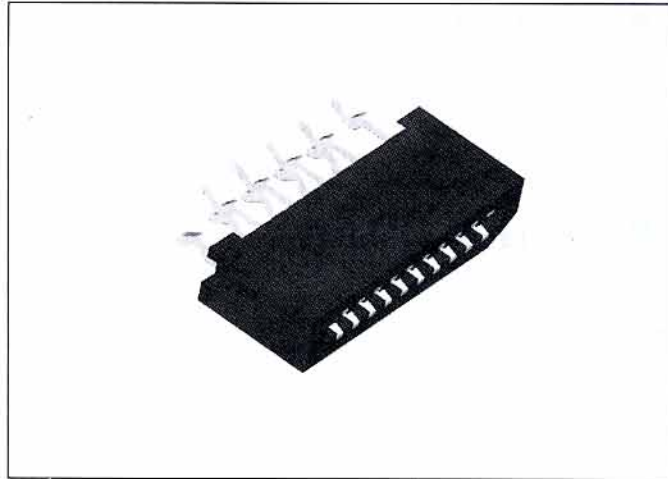
FPC03-XX-XX

① No. of Contacts      ② 02:Bottom Contact  
03:Top Contact

### Recommended PCB Layout



Unit:mm



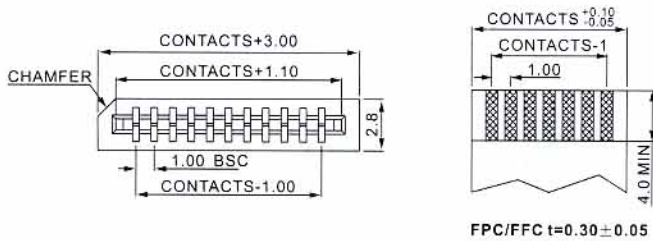
### Specifications:

- Current rating : 1.0A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 100 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +105°C

### Material and Finish:

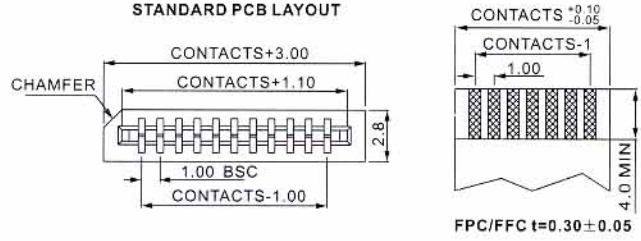
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated

STANDARD PCB LAYOUT



P/N : FPC02S-XXA

STANDARD PCB LAYOUT



P/N : FPC02S-XXB

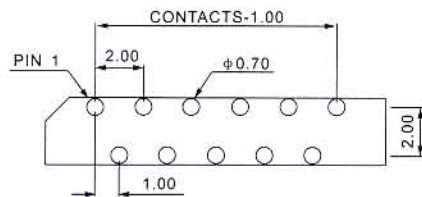
### Ordering Information

**FPC02S-XXA(B)**

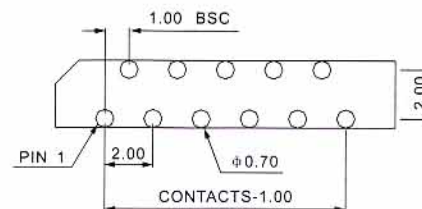
①      ②      ③

① Straight	② No. of Contacts	③ A: Standard PCB Layout B: Special PCB Layout
------------	-------------------	---

### Recommended PCB Layout



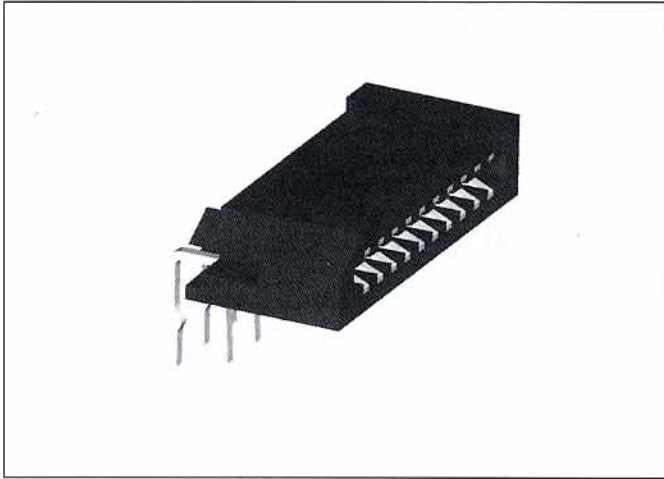
A Type



B Type

Unit:mm

# F P C Connector

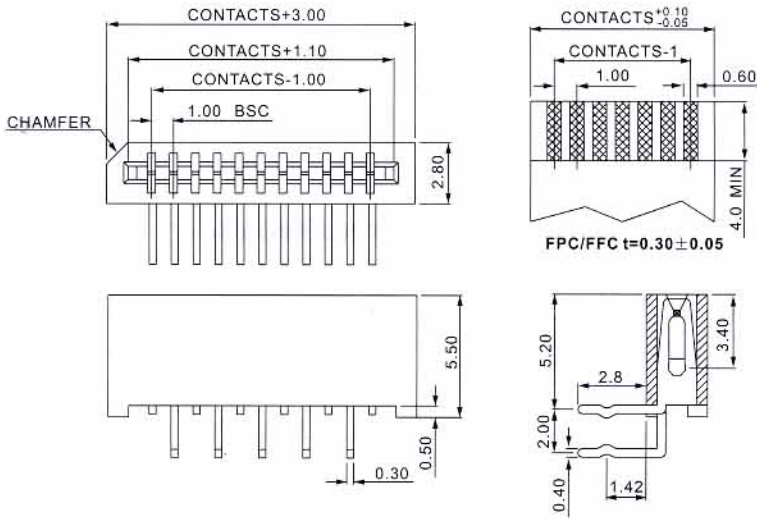


### ■ Specifications:

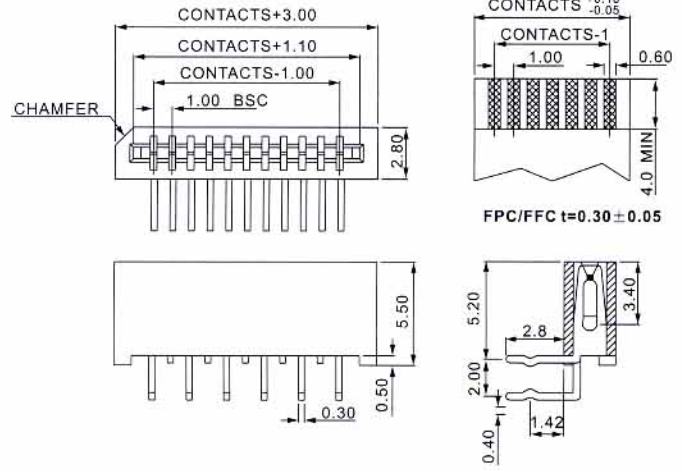
- Current rating : 1.0A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 100 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +105°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated



P/N: FPC02R-XXA



P/N: FPC02R-XXB

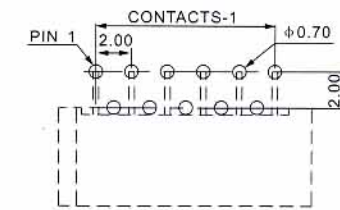
### ■ Ordering Information

**FPC02R-XXA(B)**

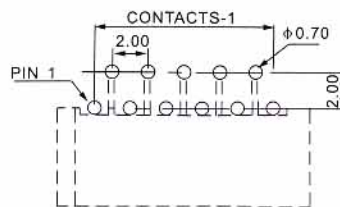
①      ②      ③

① Right Angle	② No. of Contacts	③ A: Standard PCB Layout B: Special PCB Layout
---------------	-------------------	---

### ■ Recommended PCB Layout



B Type



A Type

Unit:mm

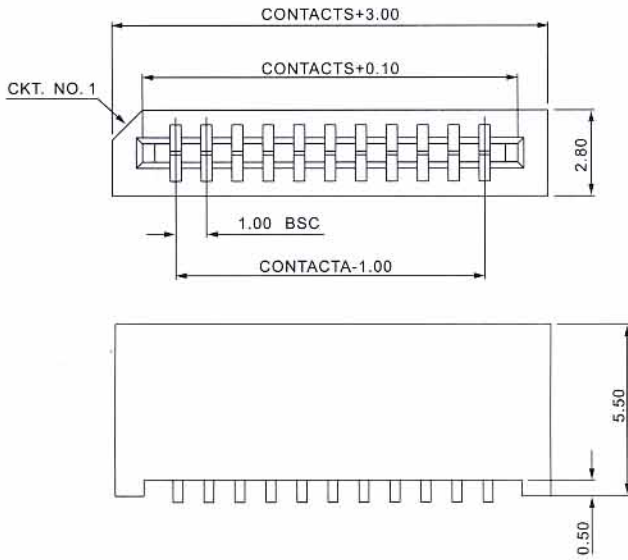
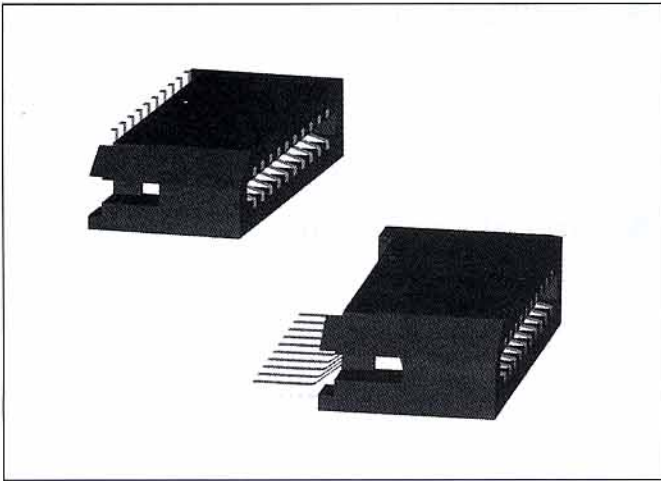


### ■ Specifications:

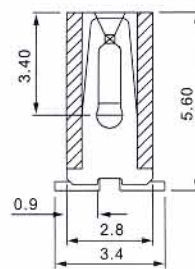
Current rating : 0.5A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -40°C to +85°C

### ■ Material and Finish:

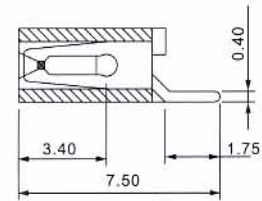
Insulator : High Temp. Plastic(UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated



FPC02SM-XX-30



FPC02SM-XX-40

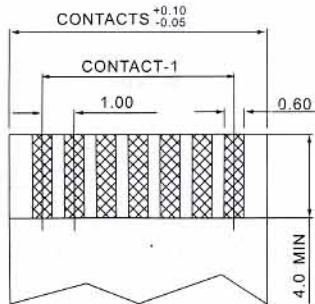


### ■ Ordering Information

**FPC02SM-XX-XX**

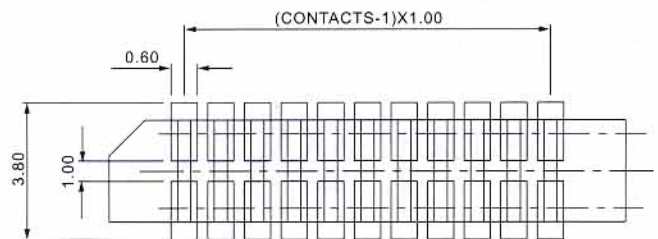
①      ②      ③

① SM: SMD Type	② No. of Contacts	③ 30: Top Entry Type 40: Side Entry Type
----------------	-------------------	---

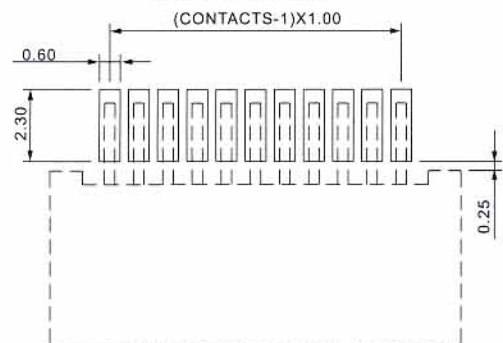


FPC/FFC  $t=0.30 \pm 0.05$

### ■ Recommended PCB Layout



FPC02SM-XX-30



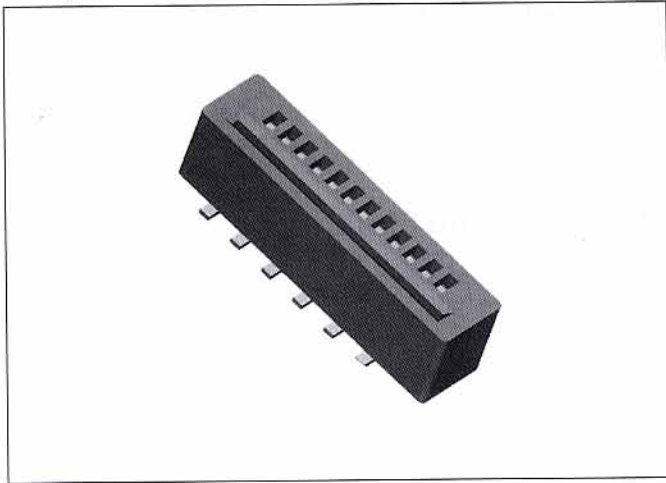
FPC02SM-XX-40

Unit:mm

# 1.0mm FPC Non ZIF SMD Single Contact Top Entry Type

FPC02SM1 Series

## FPC Connector

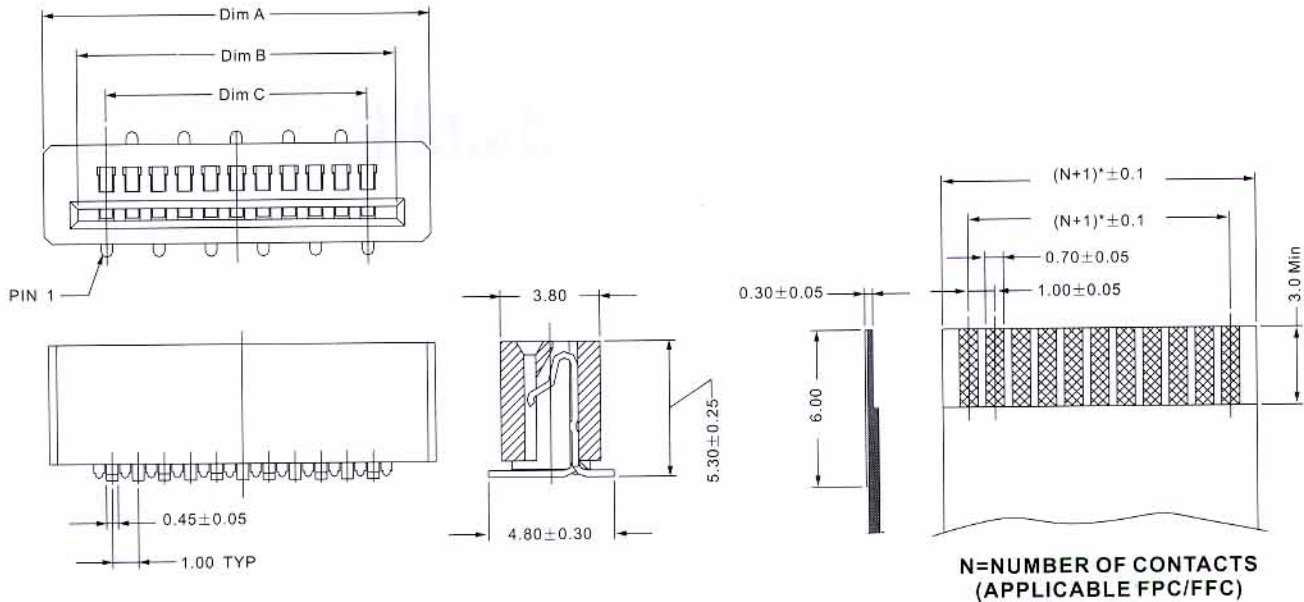


### Specifications:

- Current rating : 0.5A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -40°C to +85°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated



### Engineering Dimension

POS.	A±0.20	B±0.10	C±0.15	POS.	A±0.20	B±0.10	C±0.15
4	7.80	5.05	3.00	20	23.80	21.05	19.00
5	8.80	6.05	4.00	21	24.80	22.05	20.00
6	9.80	7.05	5.00	22	25.80	23.05	21.00
7	10.80	8.05	6.00	23	26.80	24.05	22.00
8	11.80	9.05	7.00	24	27.80	25.05	23.00
9	12.80	10.05	8.00	25	29.80	26.05	24.00
10	13.80	11.05	9.00	26	30.80	27.05	25.00
11	14.80	12.05	10.00	27	31.80	28.05	26.00
12	15.80	13.05	11.00	28	32.80	29.05	27.00
13	16.80	14.05	12.00	29	33.80	30.05	28.00
14	17.80	15.05	13.00	30	34.80	31.05	29.00
15	18.80	16.05	14.00	31	35.80	32.05	30.00
16	19.80	17.05	15.00	32	36.80	33.05	31.00
17	20.80	18.05	16.00	33	37.80	34.05	32.00
18	21.80	19.05	17.00	34	38.80	35.05	33.00
19	22.80	20.05	18.00				

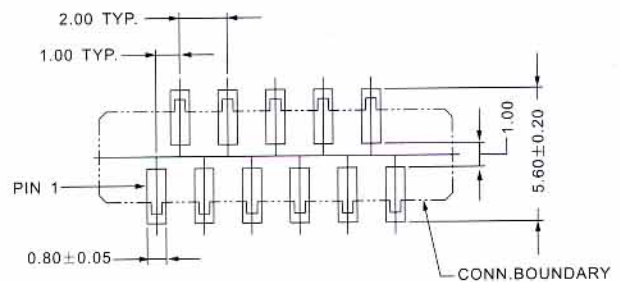
### Ordering Information

**FPC02SM1-XX-30**

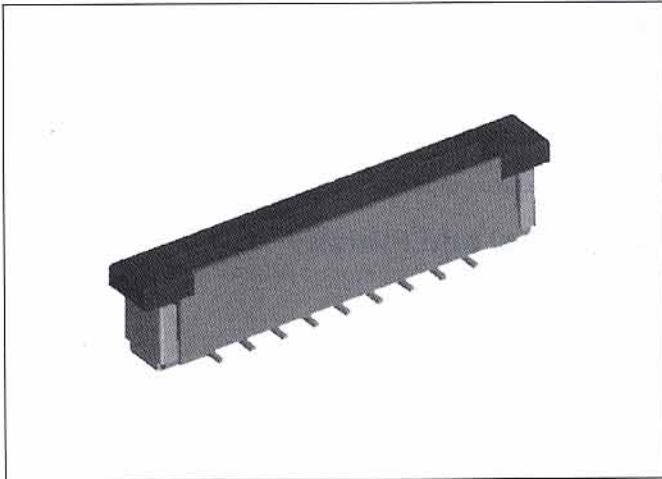
①      ②      ③

① SM1:SMD Single contact	② No. Of contacts	③ Top Entry Type
--------------------------	-------------------	------------------

### Recommended PCB Layout



Unit:mm

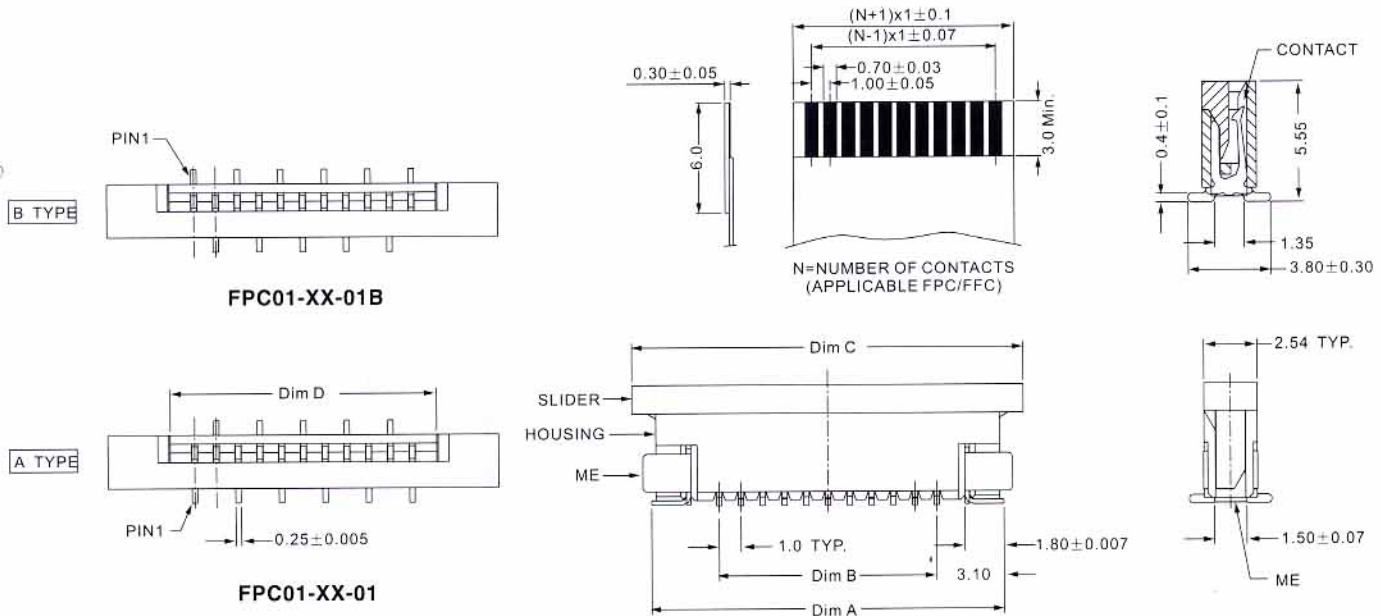


**Specifications:**

Current rating : 0.5A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -40°C to +85°C

**Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated

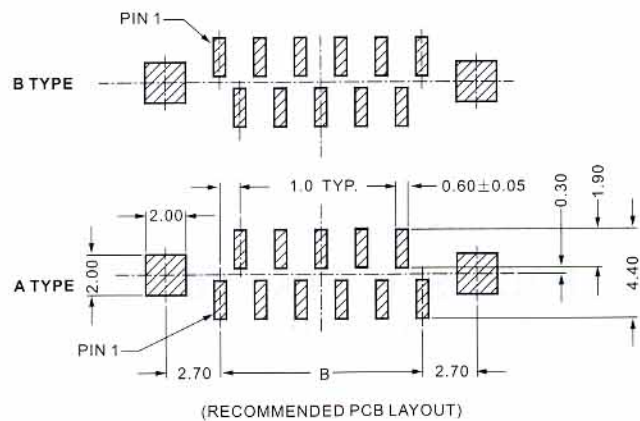


**Ordering Information**

**FPC01-XX-01**  
①      ②

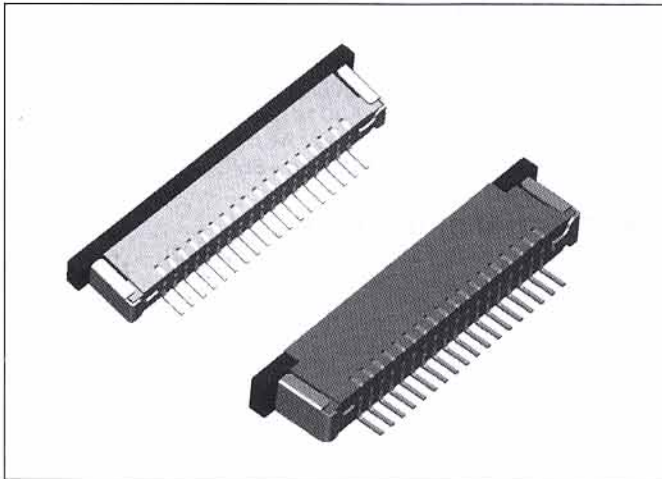
① No. Of contacts	② OI: Type A OIB: Type B
-------------------	-----------------------------

**Recommended PCB Layout**



Unit:mm



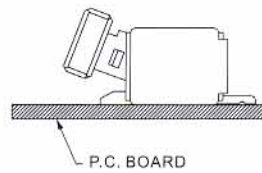
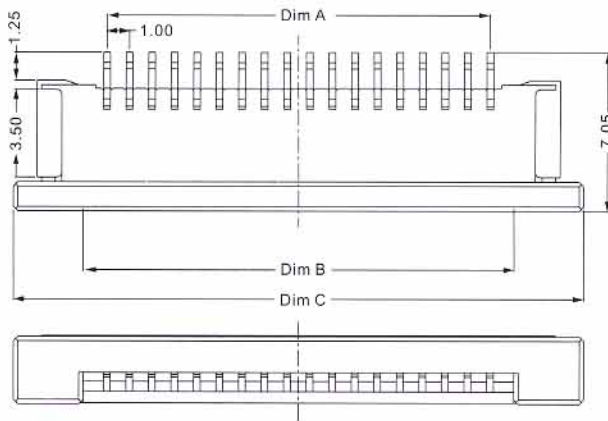


### ■ Specifications:

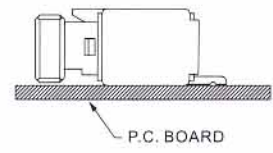
Current rating : 0.5A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -40°C to +85°C

### ■ Material and Finish:

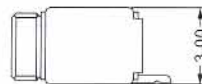
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated



P/N : FPC01-XX-02



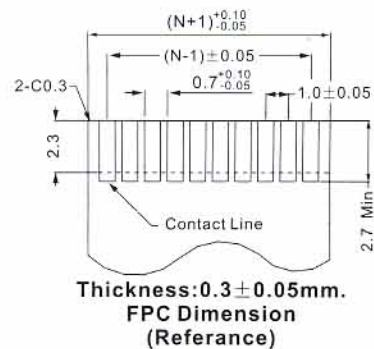
P/N : FPC01-XX-03



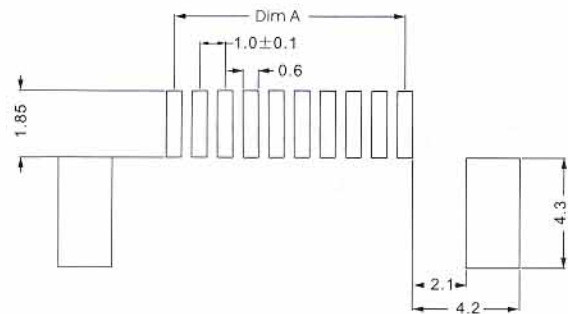
### ■ Engineering Dimension

Circuits	A	B	C
4	3.0	5.2	11.4
5	4.0	6.2	12.4
6	5.0	7.2	13.4
7	6.0	8.2	14.4
8	7.0	9.2	15.4
9	8.0	10.2	16.4
10	9.0	11.2	17.4
11	10.0	12.2	18.4
12	11.0	13.2	19.4
13	12.0	14.2	20.4
14	13.0	15.2	21.4
15	14.0	16.2	22.4
16	15.0	17.2	23.4
17	16.0	18.2	24.4
18	17.0	19.2	25.4
19	18.0	20.2	26.4
20	19.0	21.2	27.4
21	20.0	22.2	28.4
22	21.0	23.2	29.4
23	22.0	24.2	30.4
24	23.0	25.2	31.4
25	24.0	26.2	32.4
26	25.0	27.2	33.4
27	26.0	28.2	34.4

Circuits	A	B	C
28	27.0	29.2	35.4
29	28.0	30.2	36.4
30	29.0	31.2	37.4
31	30.0	32.2	38.4
32	31.0	33.2	39.4
33	32.0	34.2	40.4
34	33.0	35.2	41.4
35	34.0	36.2	42.4
36	35.0	37.2	43.4
37	36.0	38.2	44.4
38	37.0	39.2	45.4
39	38.0	40.2	46.4
40	39.0	41.2	47.4
41	40.0	42.2	48.4
42	41.0	43.2	49.4
43	42.0	44.2	50.4
44	43.0	45.2	51.4
45	44.0	46.2	52.4
46	45.0	47.2	53.4
47	46.0	48.2	54.4
48	47.0	49.2	55.4
49	48.0	50.2	56.4
50	49.0	51.2	57.4



### ■ Recommended PCB Layout



Unit:mm

### ■ Ordering Information

FPC01-XX-02

①

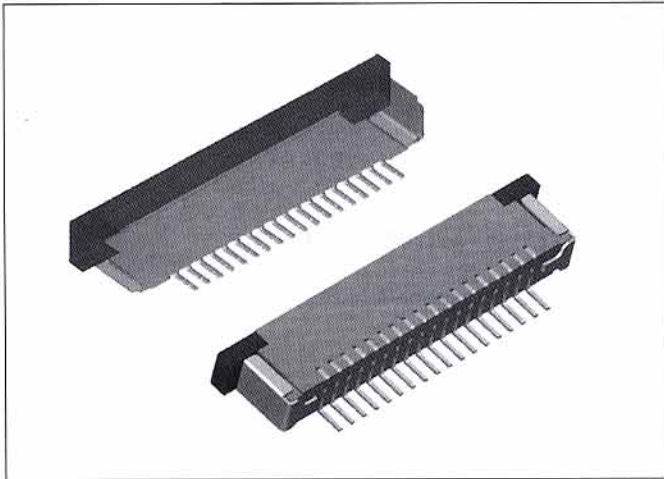
③

① No. of Contacts	② 02:Bottom Contact 03:Top Contact
-------------------	---------------------------------------

# 1.0mm FPC SMD Side Entry Top & Bottom Contact (H=3.0)

FPC01-02 & 03-H3 Series

## F P C Connector

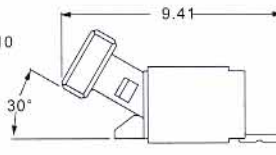
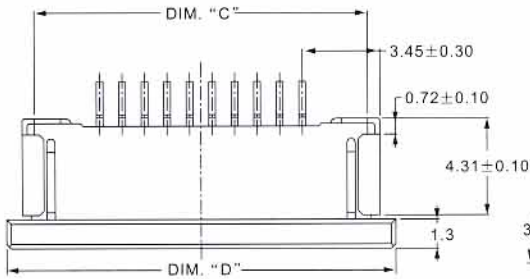


### Specifications:

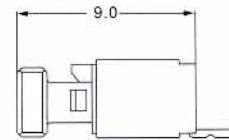
- Current rating : 0.5A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -40°C to +85°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated

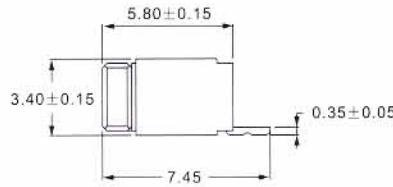
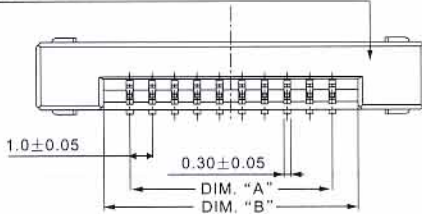


ACTUATO OPEN

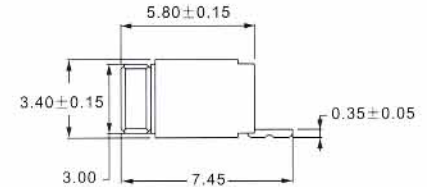


ACTUATO OPEN

CONTACT LOCATION MARK CAN BE USED FOR NUMBER 1 PIN LOCATION



P/N : FPC01-XX-02

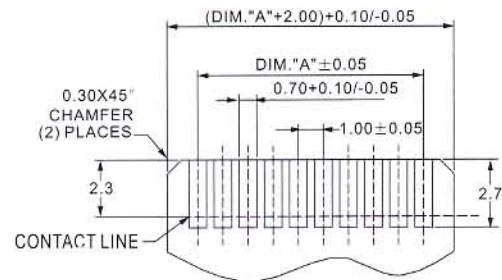


P/N : FPC01-XX-03

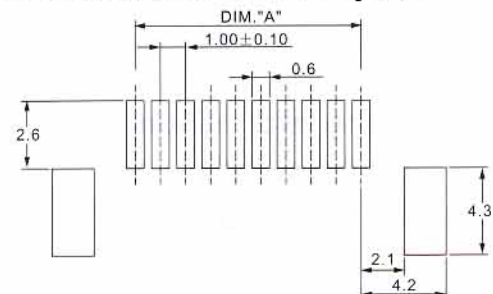
### Engineering Dimension

NO. OF POSITIONS	DIM. "A" ±0.10	DIM. "B" ±0.10	DIM. "C"	DIM. "D"
3	2,00	4,30	7,80	10,30
4	3,00	5,30	8,80	11,30
5	4,00	6,30	9,80	12,30
6	5,00	7,30	10,80	13,30
7	6,00	8,30	11,80	14,30
8	7,00	9,30	12,80	15,30
9	8,00	10,30	13,80	16,30
10	9,00	11,30	14,80	17,30
11	10,00	12,30	15,80	18,30
12	11,00	13,30	16,80	19,30
13	12,00	14,30	17,80	20,30
14	13,00	15,30	18,80	21,30
15	14,00	16,30	19,80	22,30
16	15,00	17,30	20,80	23,30
17	16,00	18,30	21,80	24,30

NO. OF POSITIONS	DIM. "A" ±0.10	DIM. "B" ±0.10	DIM. "C"	DIM. "D"
18	17,00	19,30	22,80	25,30
19	18,00	20,30	23,80	26,30
20	19,00	21,30	24,80	27,30
21	20,00	22,30	25,80	28,30
22	21,00	23,30	26,80	29,30
23	22,00	24,30	27,80	30,30
24	23,00	25,30	28,80	31,30
25	24,00	26,30	29,80	32,30
26	25,00	27,30	30,80	33,30
27	26,00	28,30	31,80	34,30
28	27,00	29,30	32,80	35,30
29	28,00	30,30	33,80	36,30
30	29,00	31,30	34,80	37,30
31	30,00	32,30	35,80	38,30
32	31,00	33,30	36,80	39,30



### Recommended PCB Layout



### Ordering Information

FPC01-XX-XX-H3

①      ②      ③

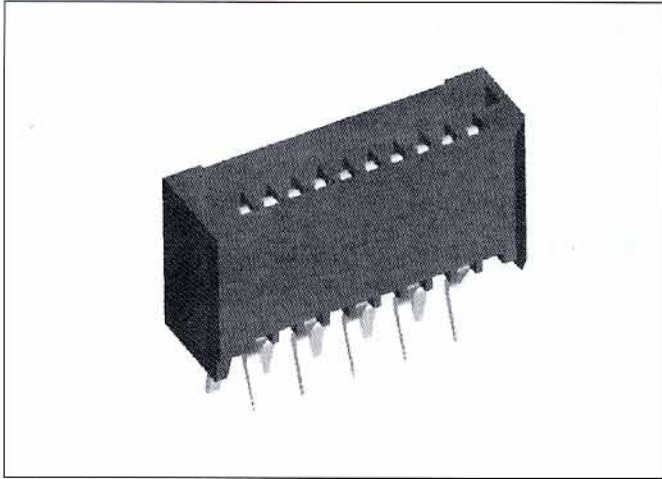
① No. Of contacts	② 02: Bottom contact 03: Top contact	③ Insulator Height
-------------------	---	--------------------

Unit:mm





**F P C Connector**

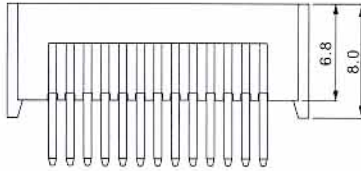


■ **Specifications:**

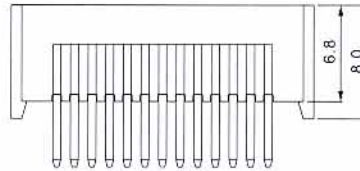
- Current rating : 1.0A AC/DC
- Voltage rating : 200V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +85°C

■ **Material and Finish:**

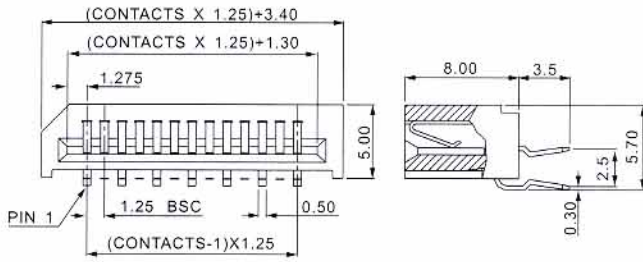
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated



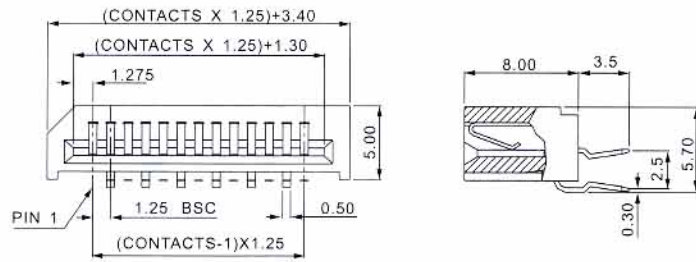
FPC05S-XXA



FPC05S-XXB



STANDARD TYPE



SPECIAL TYPE

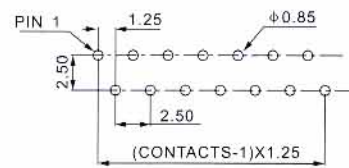
■ **Ordering Information**

**FPC05S-XXA**

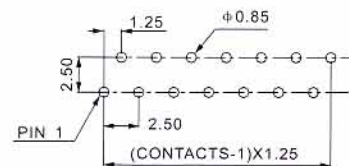
①      ②      ③

① Straight Type	② No. Of contacts	③ A: Standard PCB Layout B: Special PCB Layout
-----------------	-------------------	---

■ **Recommended PCB Layout**



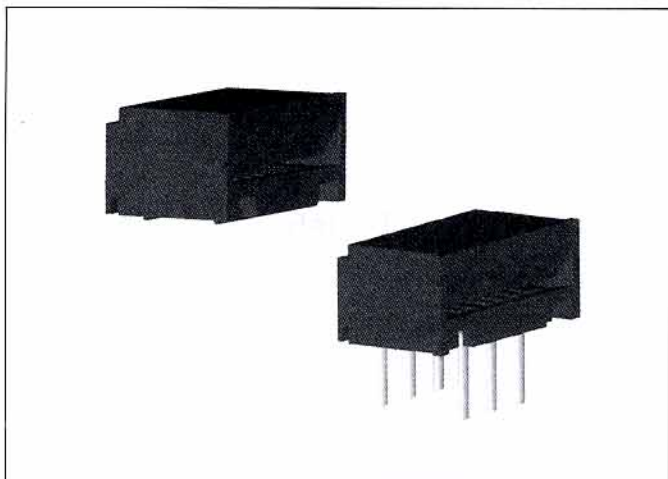
RECOMMENDED P.C.BOARD LAYOUT(SPECIAL)



RECOMMENDED P.C.BOARD LAYOUT(STD)

Unit:mm



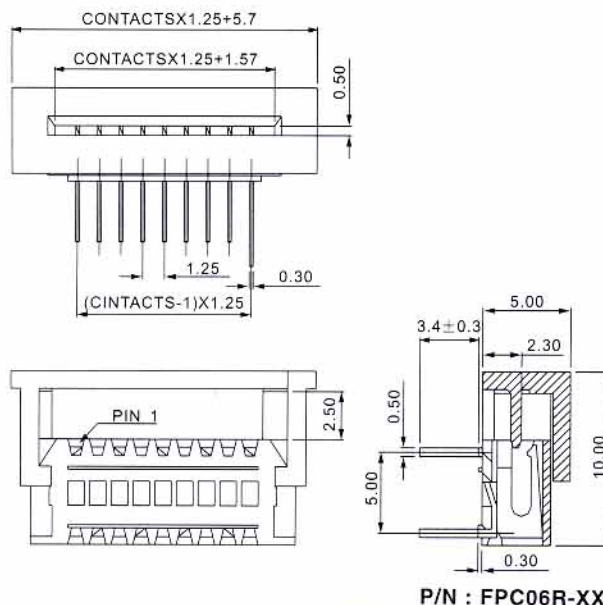
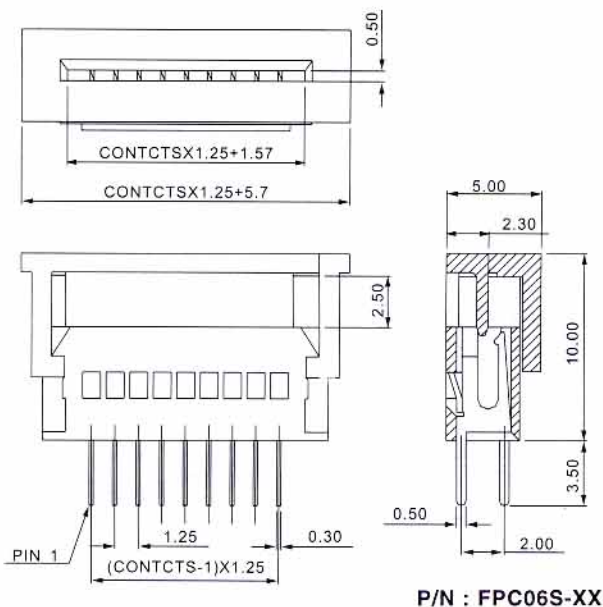


### Specifications:

- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 5000M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -55°C to +105°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated



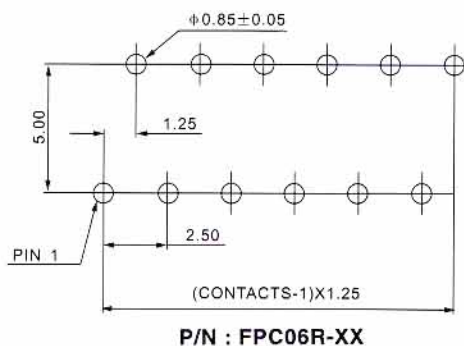
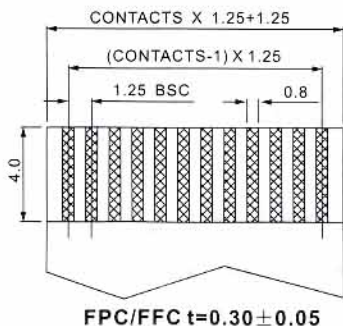
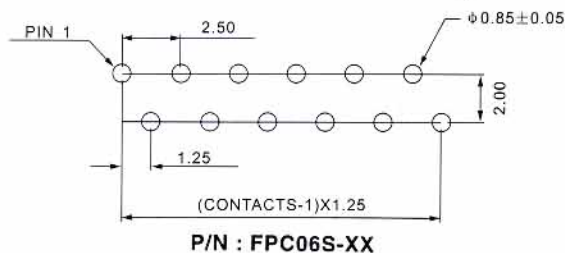
### Ordering Information

**FPC06S-XX**

① ②

① S: Straight Type R: R/A Type	② No. of Contacts
-----------------------------------	-------------------

### Recommended PCB Layout

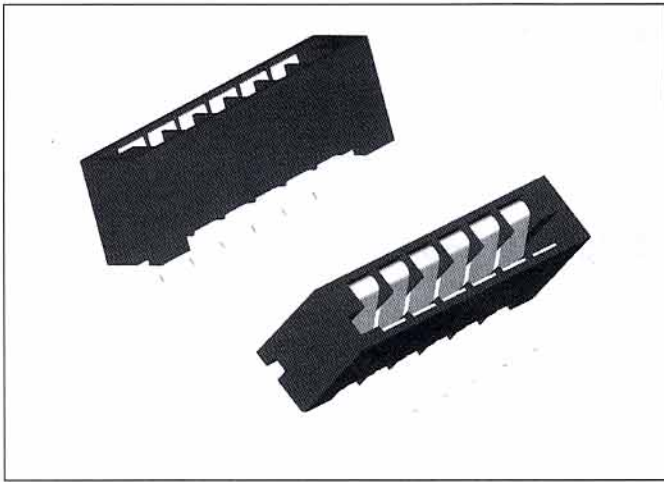


Unit:mm

# 2.54mm FPC Non ZIF Dip Straight & R/A Type (Double Contact)

FPC04 Series

## F P C Connector

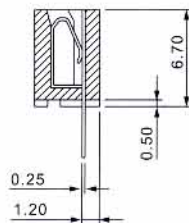
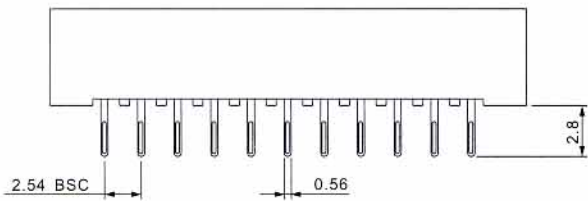
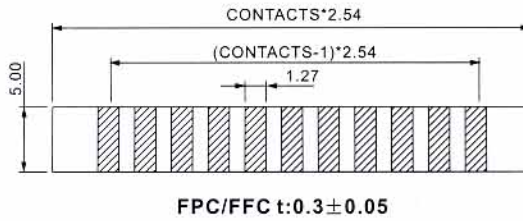
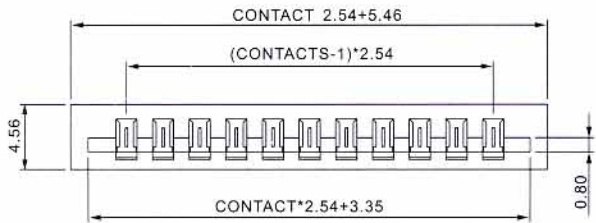


### ■ Specifications:

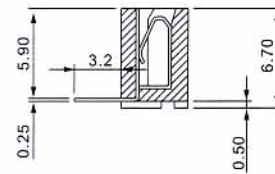
- Current rating : 1.0A AC/DC
- Voltage rating : 200V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -55°C to +105°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated



P/N : FPC04S-XX



P/N : FPC04R-XX

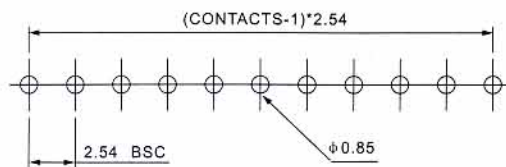
### ■ Ordering Information

**FPC04S-XX**

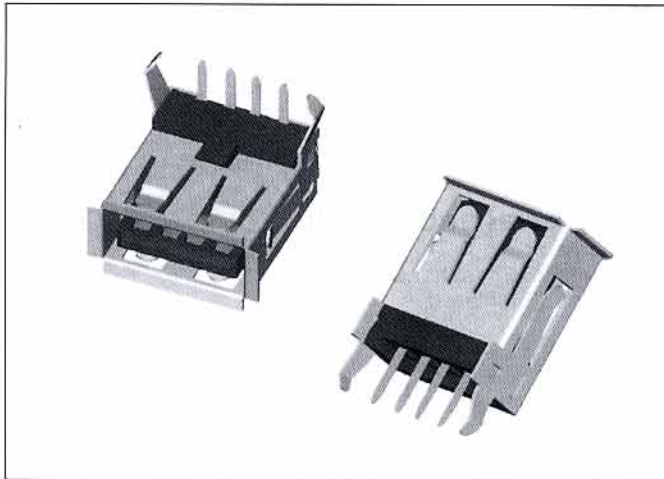
①      ②

① S: Straight Type R: R/A Type	② No. of Contacts
-----------------------------------	-------------------

### ■ Recommended PCB Layout



Unit:mm

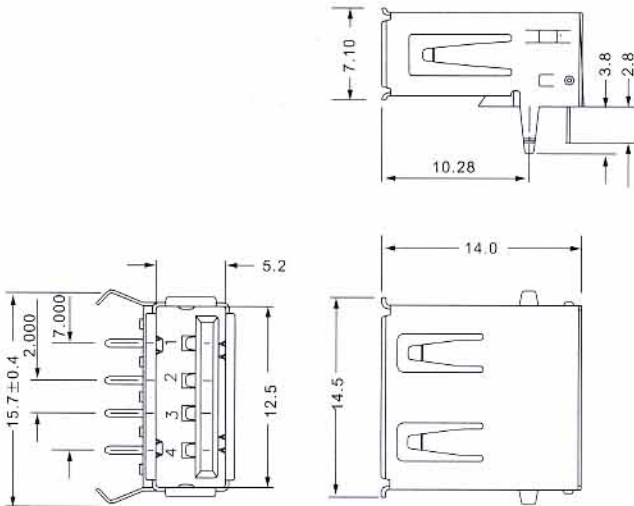


### ■ Specifications:

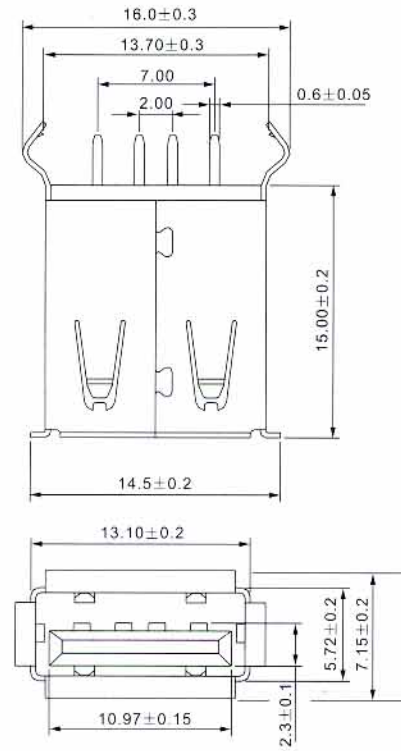
- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -55°C to +105°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Gold/Tin Plated



P/N : EU01AR-04-XX



P/N : EU01AS-04-XX

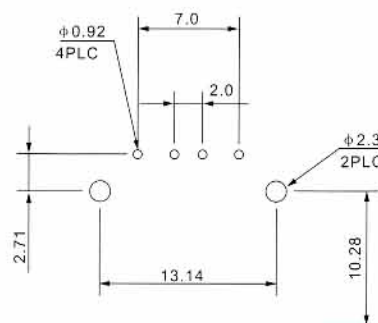
### ■ Ordering Information

**EU01AR-04-XX**

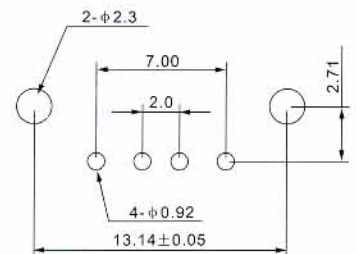
①      ②      ③

① AR:Type A R/A AS:Type A Straight	② No. of Contacts
③ WH: White (Standard) BK=Black	

### ■ Recommended PCB Layout



P.C.B. EDGE  
P/N : EU01AR-04-XX



P/N : EU01AS-04-XX

**Unit:mm**

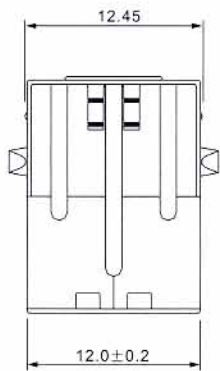
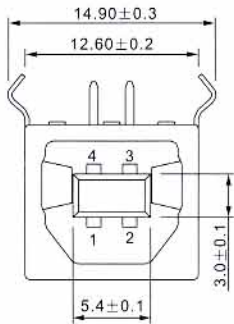
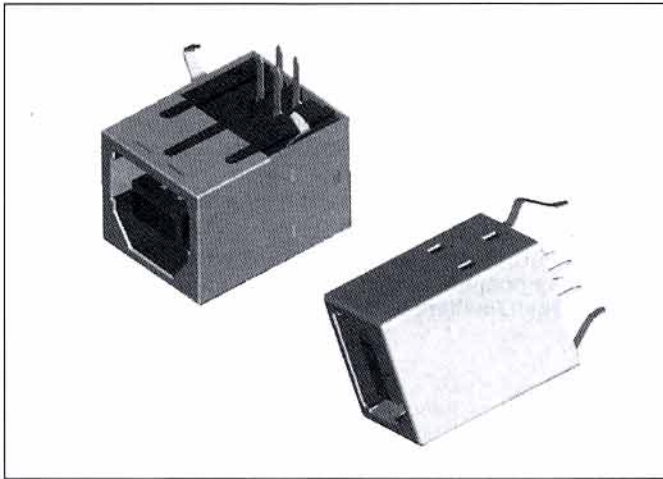


### ■ Specifications:

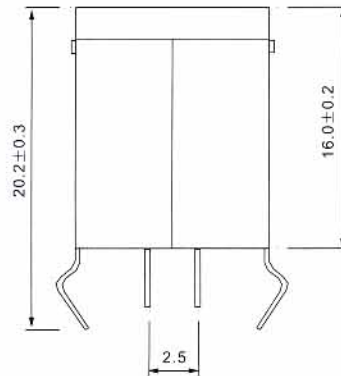
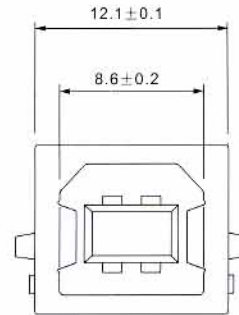
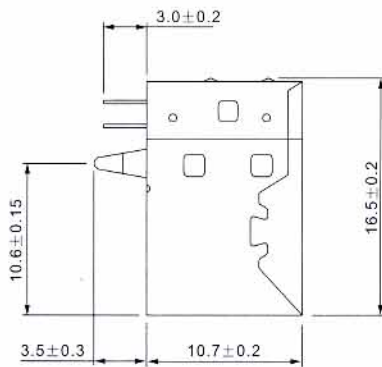
Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -55°C to +105°C

### ■ Material and Finish:

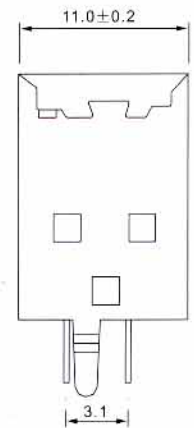
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Gold/Tin Plated



P/N : EU01BR-XX-XX



P/N : EU01BS-XX-XX



### ■ Ordering Information

**EU01BR-04-XX**

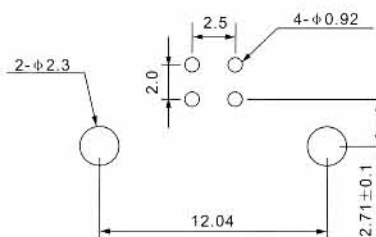
①      ②      ③

① BR:Type B R/A  
BS:Type B Straight

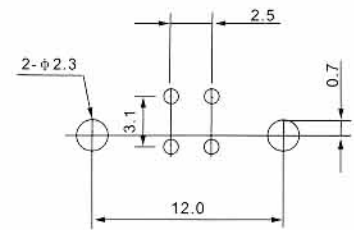
② No. of Contact

③ WH: White (standard)  
BK: Black

### ■ Recommended PCB Layout

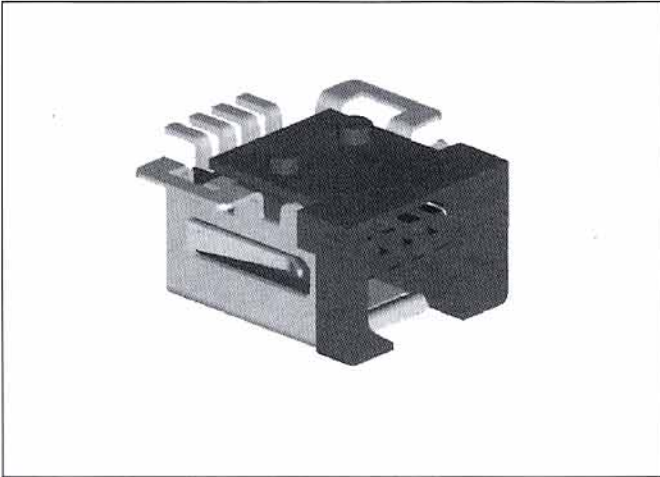


P/N : EU01BR-XX-XX



P/N : EU01BS-XX-XX

Unit:mm

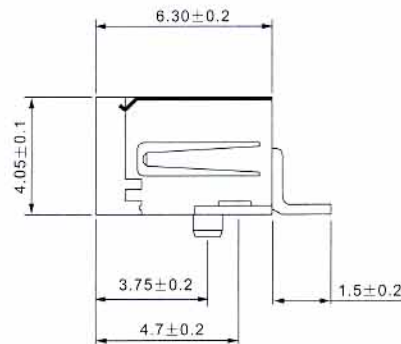
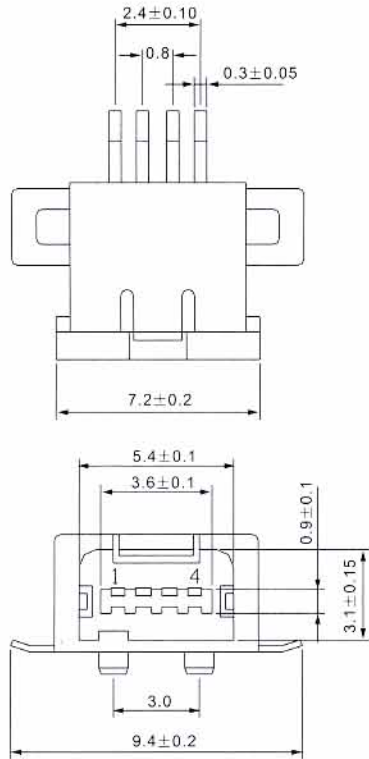


■ **Specifications:**

Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -55°C to +105°C

■ **Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Gold/Tin Plated



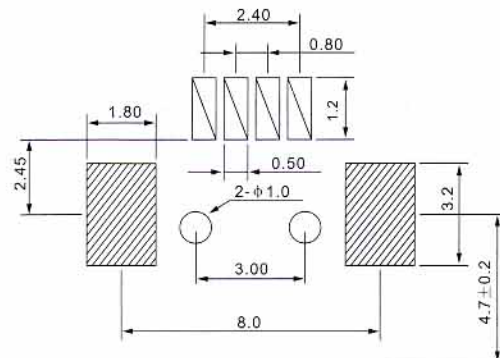
■ **Ordering Information**

**EU01AMR1-04-SM**

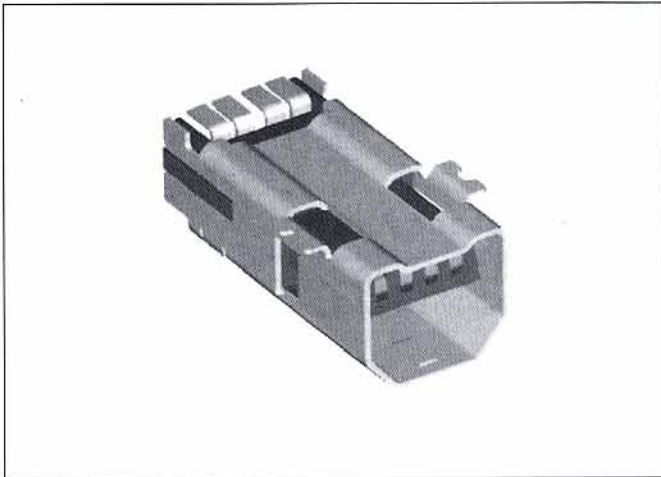
①                      ②                      ③

① Mini A Type	② No. Of contacts	③ SM: SMD Type
---------------	-------------------	----------------

■ **Recommended PCB Layout**



Unit:mm

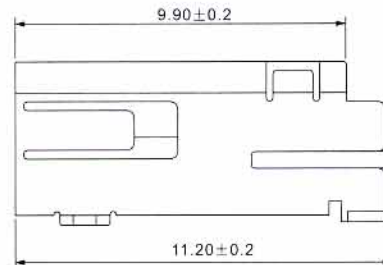
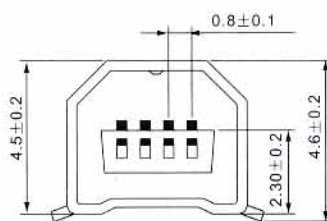
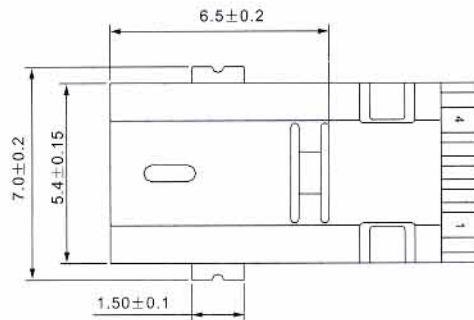


■ **Specifications:**

Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -55°C to +105°C

■ **Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Gold/Tin Plated



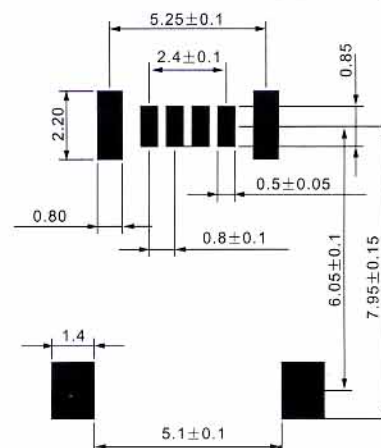
■ **Ordering Information**

**EU01BMR 04 SM**

①      ②      ③

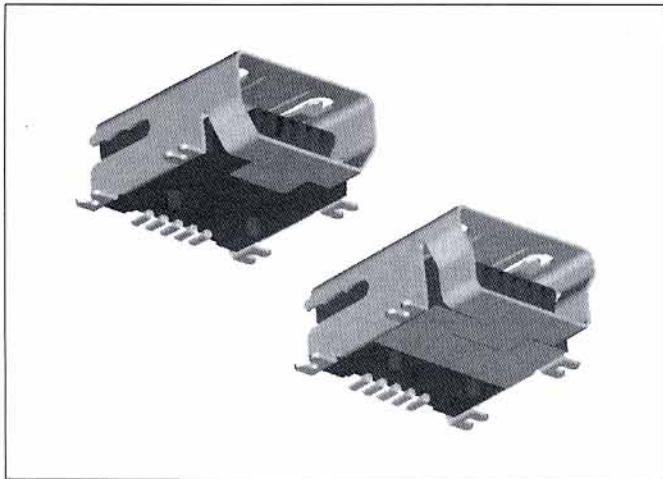
① Mini; B Type	② No. of Contacts	③ SMD Type
----------------	-------------------	------------

■ **Recommended PCB Layout**



Unit:mm



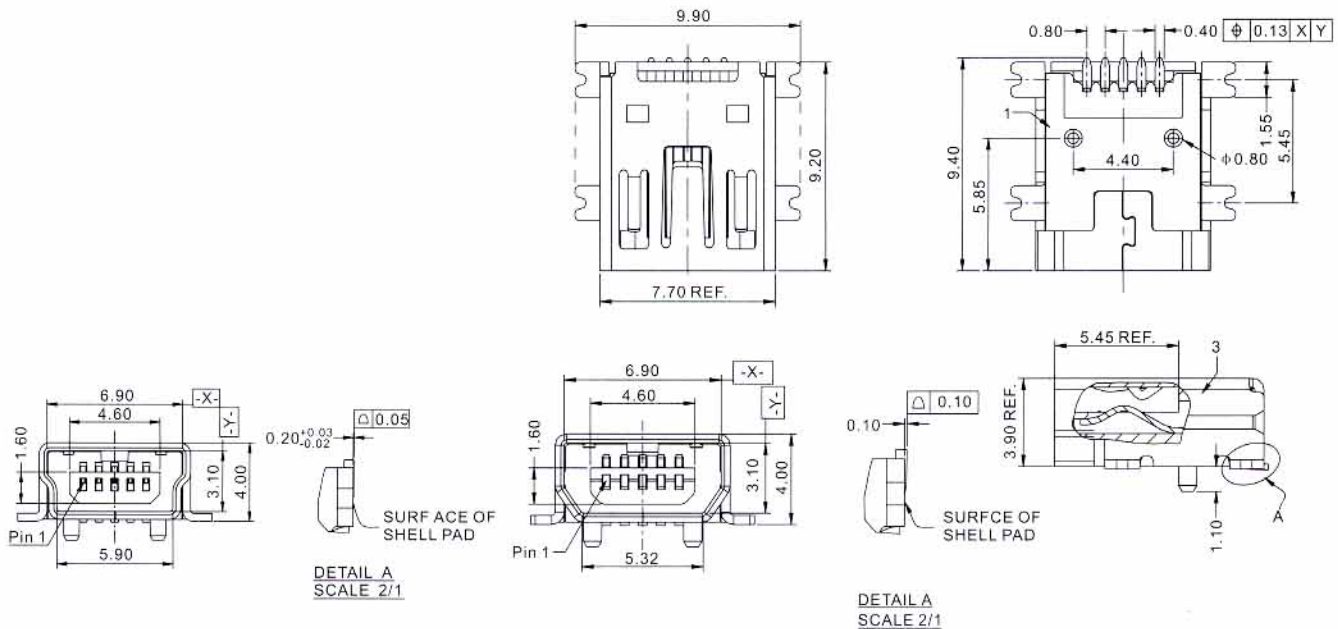


### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -55°C to +105°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Gold/Tin Plated



P/N : EU01BMR-05-SM

P/N : EU01ABMR-05-SM

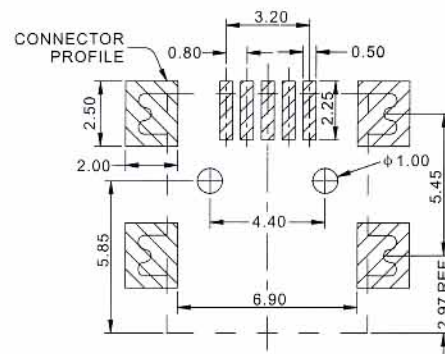
### ■ Ordering Information

**EU01ABMR-05-SM**

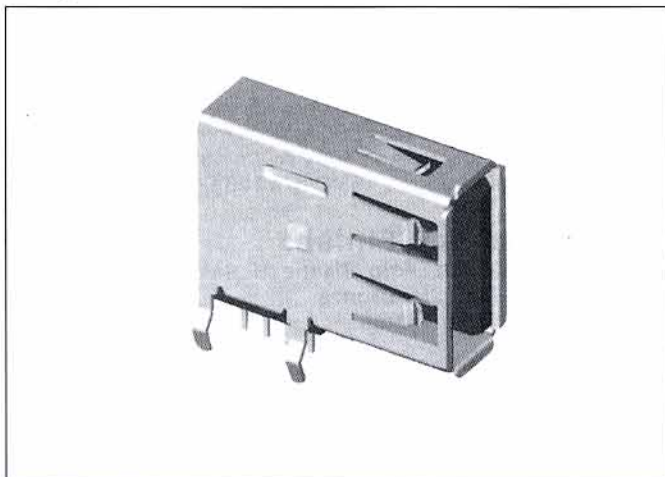
①      ②      ③

① ABMR:Mini AB Type BMR:Mini B Type	② No. of Contacts	③ SMD Type
--	-------------------	------------

### ■ Recommended PCB Layout



Unit:mm

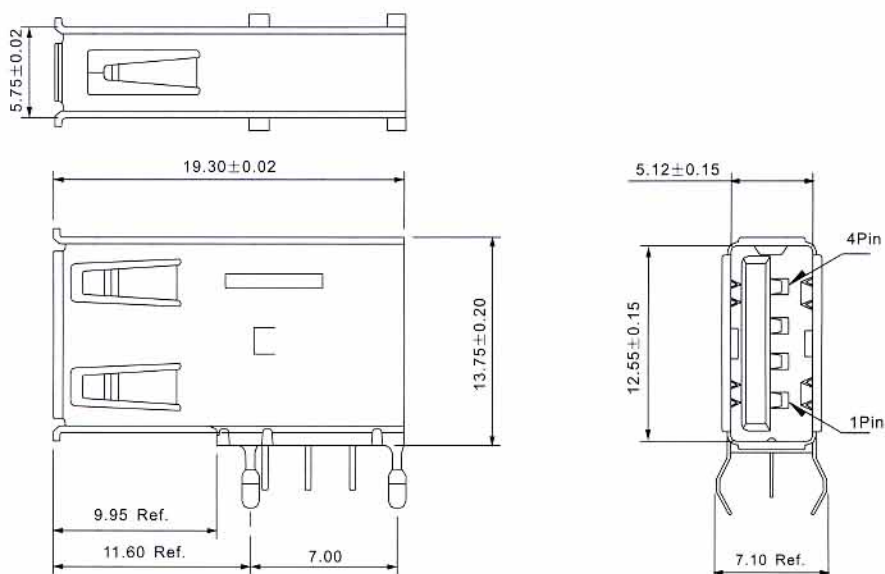


### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -55°C to +105°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Gold/Tin Plated



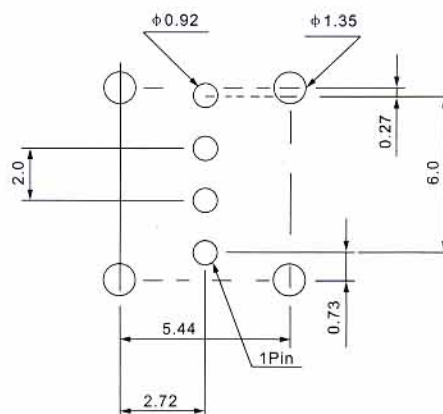
### ■ Ordering Information

**EU01AUR-04-XX**

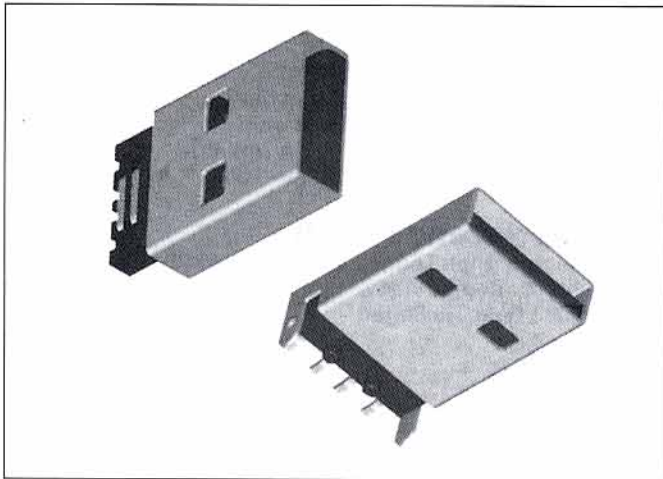
①      ②      ③

① Type A Up R/A	② No. of Contacts	③ WH: White (standard) BK: Black
-----------------	-------------------	-------------------------------------

### ■ Recommended PCB Layout



Unit:mm

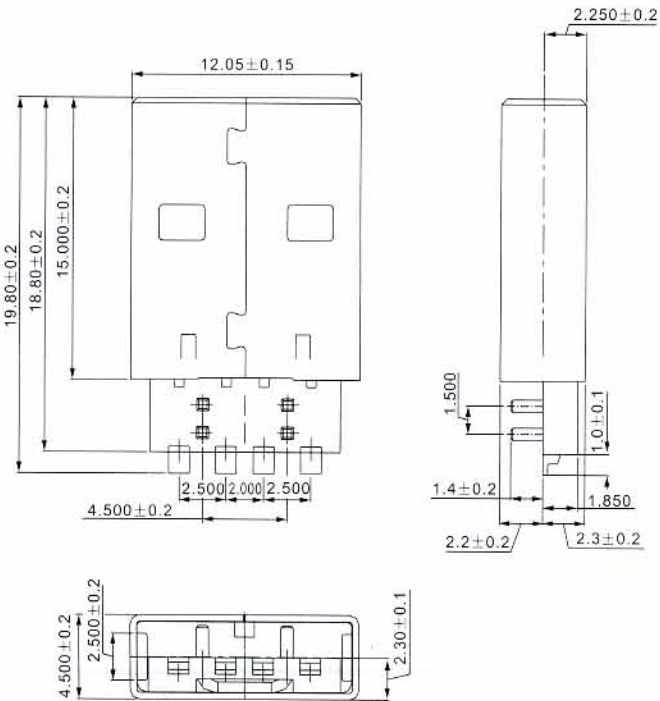


### Specifications:

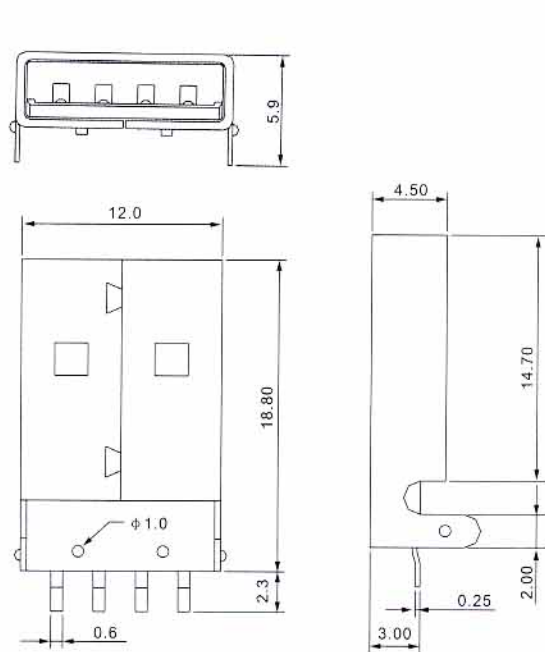
Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -55°C to +105°C

### Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Gold/Tin Plated



P/N : EU01ARP-04-SM



P/N : EU01ARP-04-SM 1

### Ordering Information

**EU01ARP-04-SM**

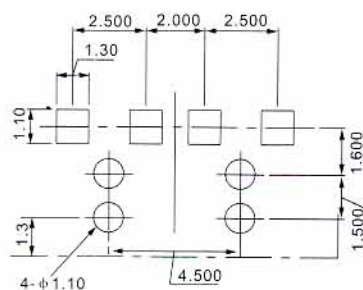
①      ②      ③

① Type A Male

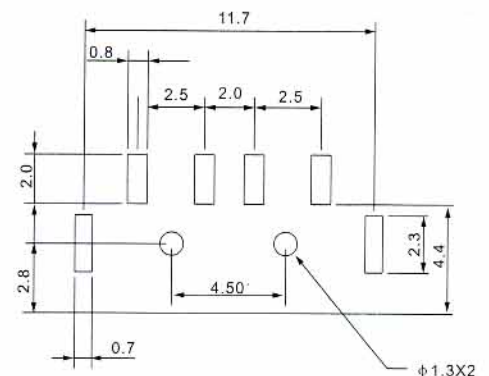
② No. of Contacts

③ SM:SMD Type  
SM1:SMD Type 1

### Recommended PCB Layout



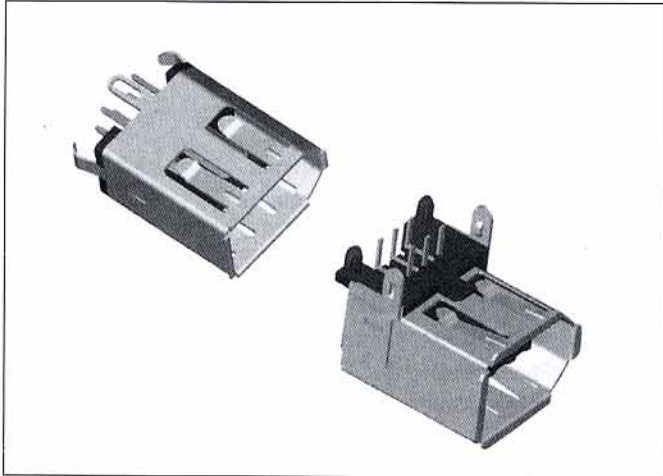
P/N : EU01ARP-04-SM



P/N : EU01ARP-04-SM 1

Unit:mm



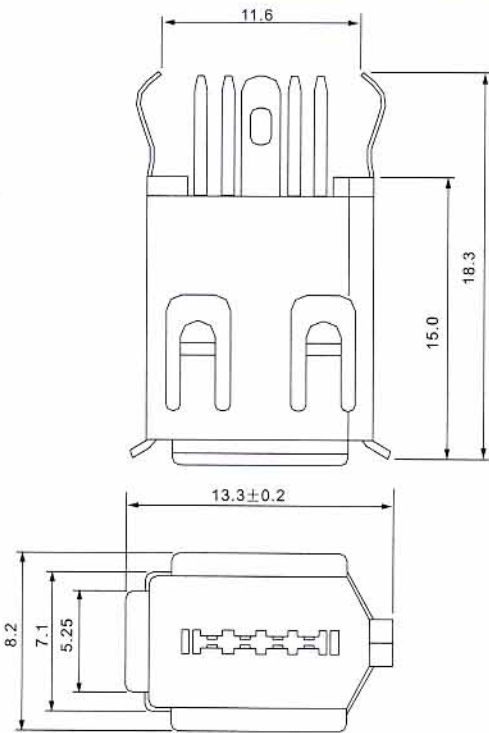


■ **Specifications:**

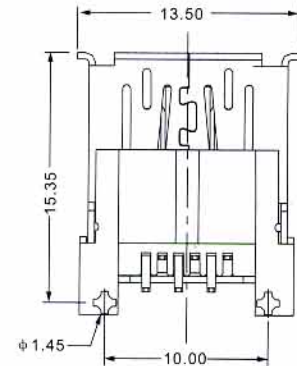
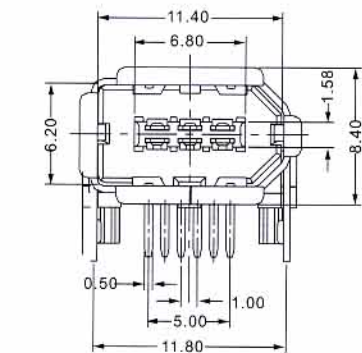
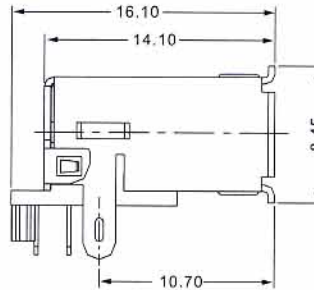
Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -55°C to +105°C

■ **Material and Finish:**

Insulator: High Temp. Plastic (UL94V-0)  
Contact : Phosphor Brass Gold Plated 3u", 5u", 15u", 30u"  
Finish : Tin Plated



P/N : EU02S-XX



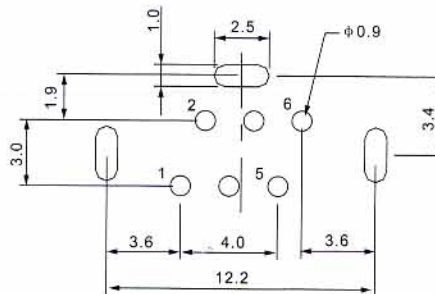
P/N : EU02R-XX

■ **Ordering Information**

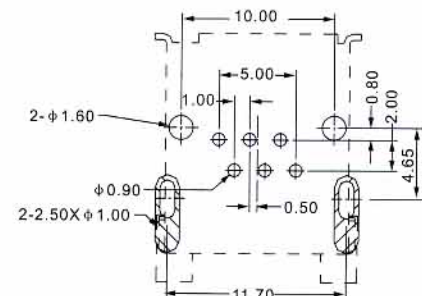
**EU02S-06**  
① ②

① S: Straight Type R: R/A Type	② No. of Contacts
-----------------------------------	-------------------

■ **Recommended PCB Layout**

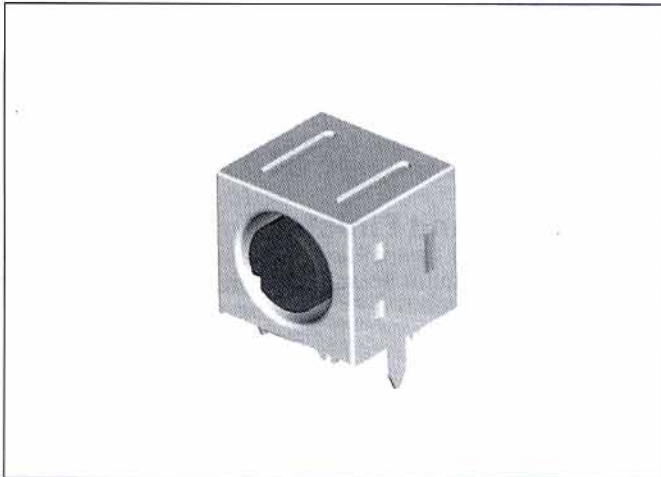


P/N : EU02S-XX



P/N : EU02R-XX

Unit:mm

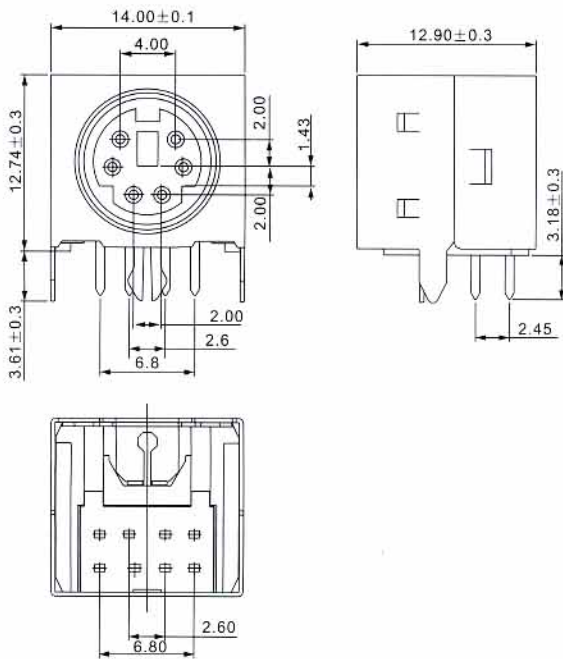


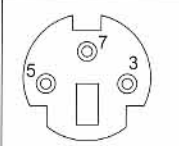
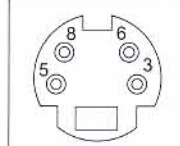
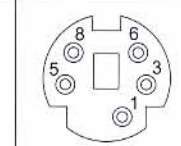
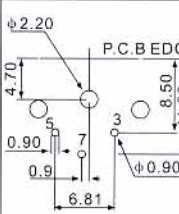
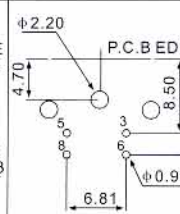
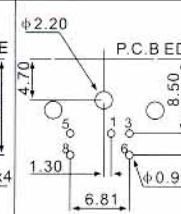
### ■ Specifications:

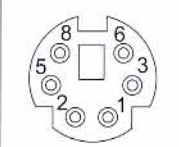
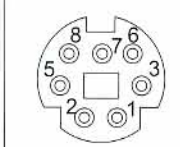
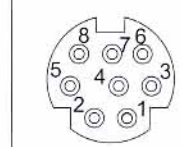
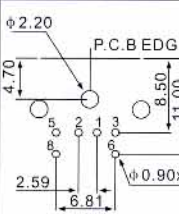
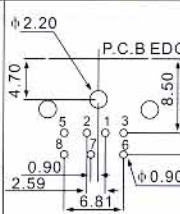
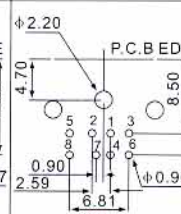
- Current rating : 1.0A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +70°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Selective Gold



ARRANGMENT OF CONTACT			
NO. OF CONTACT	3	4	5
PRODUCT NO.	EMD02-03-5M	EMD02-04-5M	EMD02-05-5M
P.C.B. LAYOUT (BOTTOM VIEW)			

ARRANGMENT OF CONTACT			
NO. OF CONTACT	6	7	8
PRODUCT NO.	EMD02-06-5M	EMD02-07-5M	EMD02-08-5M
P.C.B. LAYOUT (BOTTOM VIEW)			

### ■ Ordering Information

EMD02 — XX — 5M

①                      ②

① No. of Contacts  
3/4/5/6/7/8  
Ways

② Blank: All Plastic  
5M: Full Shielding

Unit: mm



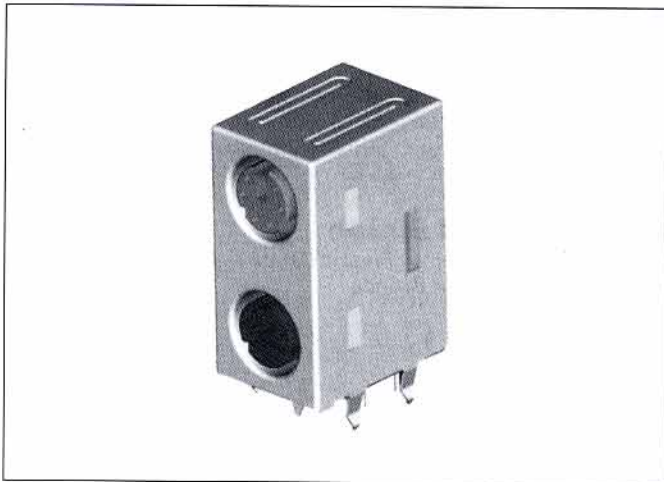
# Mini Din Dual Port Connector

UL Certification E224689

Eltron Interconnection System Pte Ltd

EMD06 Series

## Mini Din Jack

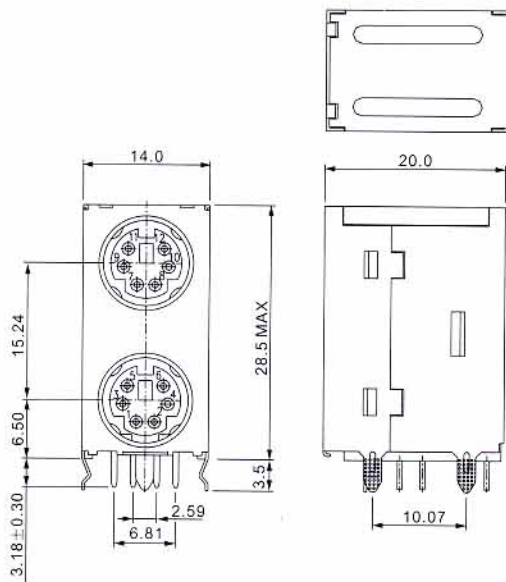


### Specifications:

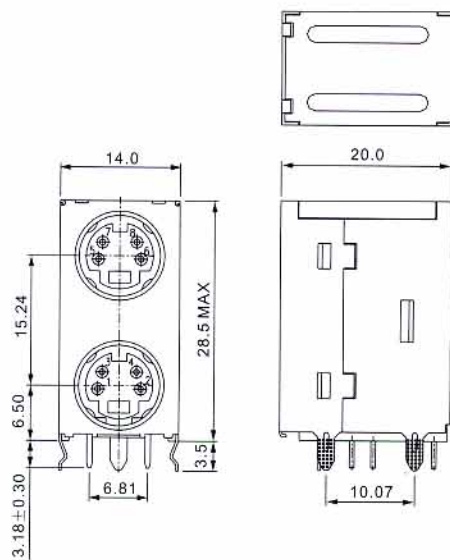
- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +125°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Selective Gold



P/N : EMD06-06/06



P/N : EMD06-04/04

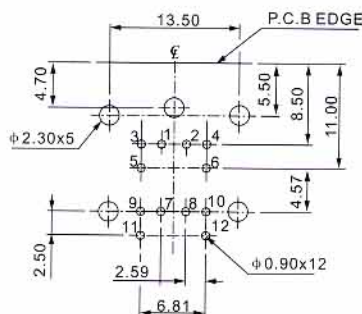
### Ordering Information

EMD06—XX/XX

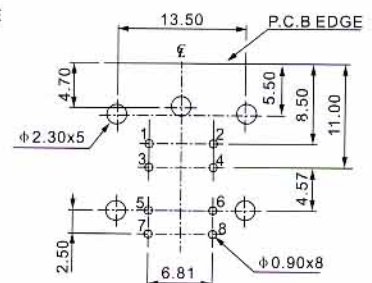
①

- ① 04/04: 4Pin to 4Pin
- 06/06: 6Pin to 6Pin

### Recommended PCB Layout



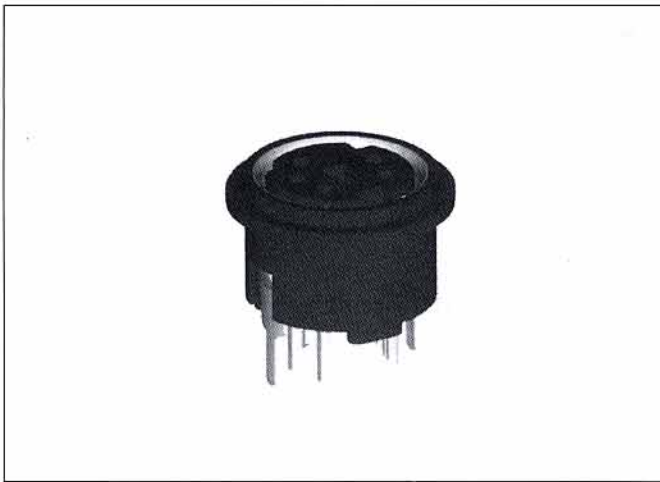
P/N : EMD06-06/06



P/N : EMD06-04/04

Unit:mm



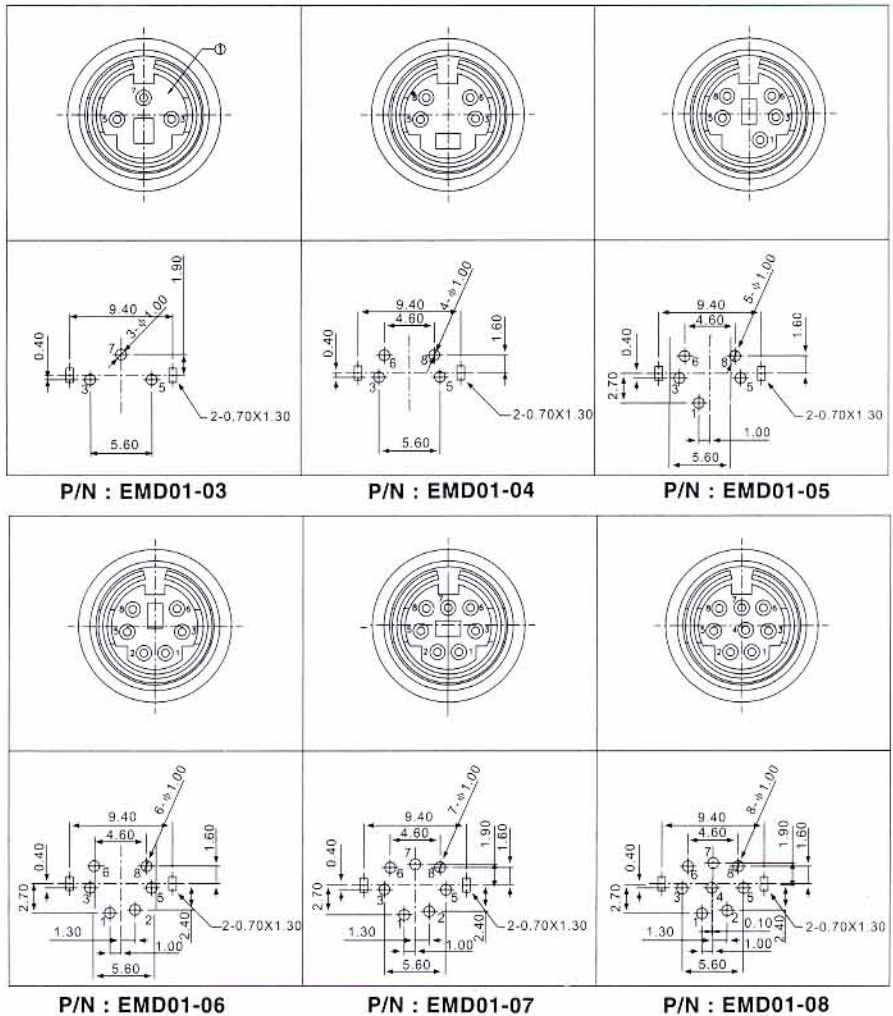
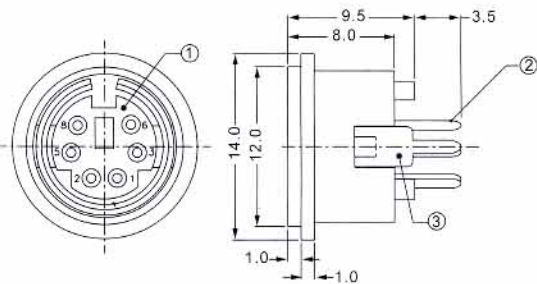


**Specifications:**

Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 30 m ohm max  
Insulation resistance : 500M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°C to +125°C

**Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated.



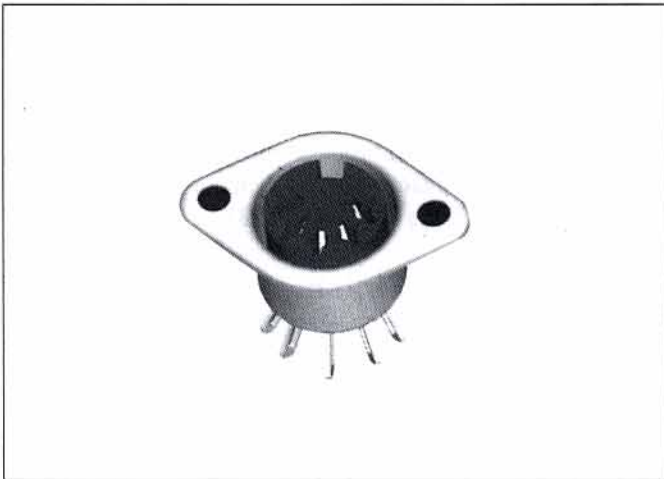
**Ordering Information**

**EMD01-XX**

①

① No. of Contacts

Unit:mm

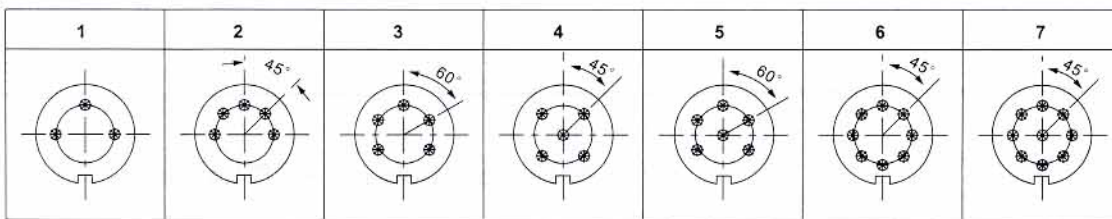
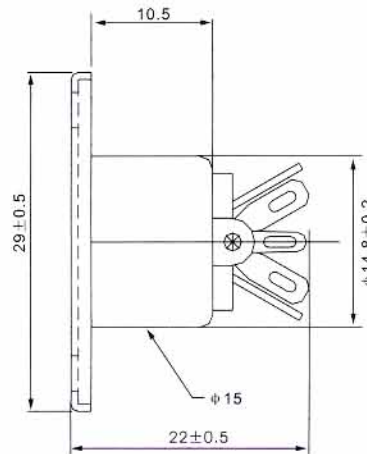
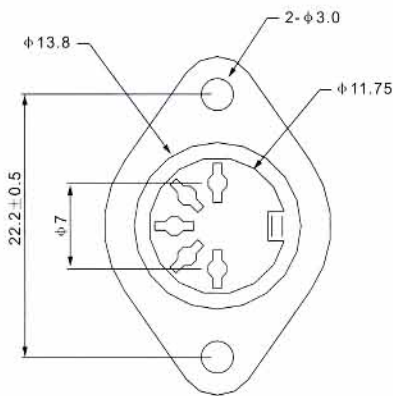


### ■ Specifications:

- Current rating : 3.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 100 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -40°C to +105°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Selective Gold Plated



1. P/N:EMD05-03-0505
2. P/N:EMD05-05-0505
3. P/N:EMD05-05-0505-240
4. P/N:EMD05-05-0505-360
5. P/N:EMD05-06-0505
6. P/N:EMD05-08-0505
7. P/N:EMD05-09-0505

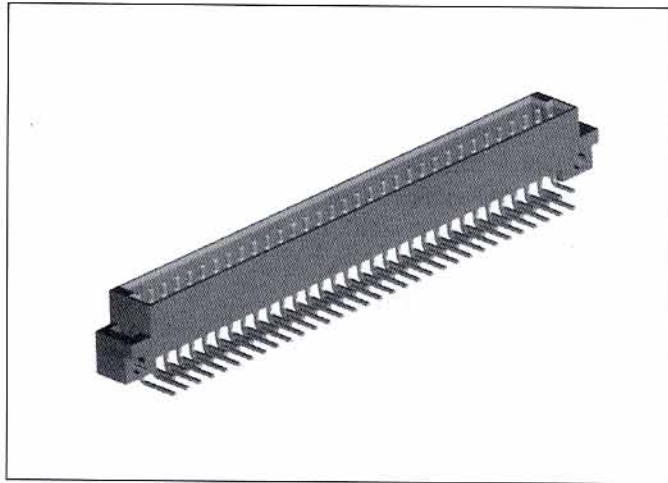
### ■ Ordering Information

**EMD05—XX-0505**

①

① No. of Contacts

**Unit:mm**

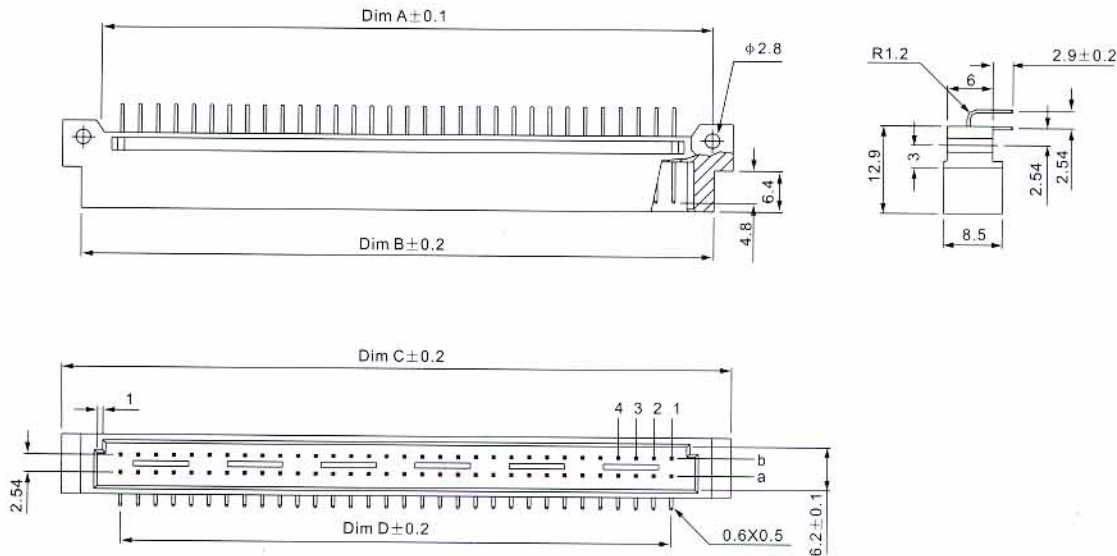


### Specifications:

- Current rating : 2.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -25°C to +125°C

### Material and Finish:

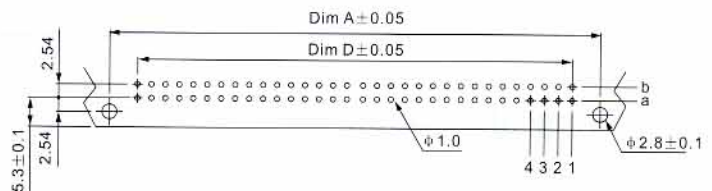
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Selective Gold Plated



### Engineering Dimension

Circuits	Dim A	Dim B	Dim C	Dim D
32	48.26	47.40	53.20	38.10
64	88.90	88.20	94.00	78.74

### Recommended PCB Layout



### Ordering Information

**DIN01-XXAB-MR**

①                      ②

① No of Contacts:32,64 Double Rows	② Male Right Angle
------------------------------------	--------------------

Unit:mm



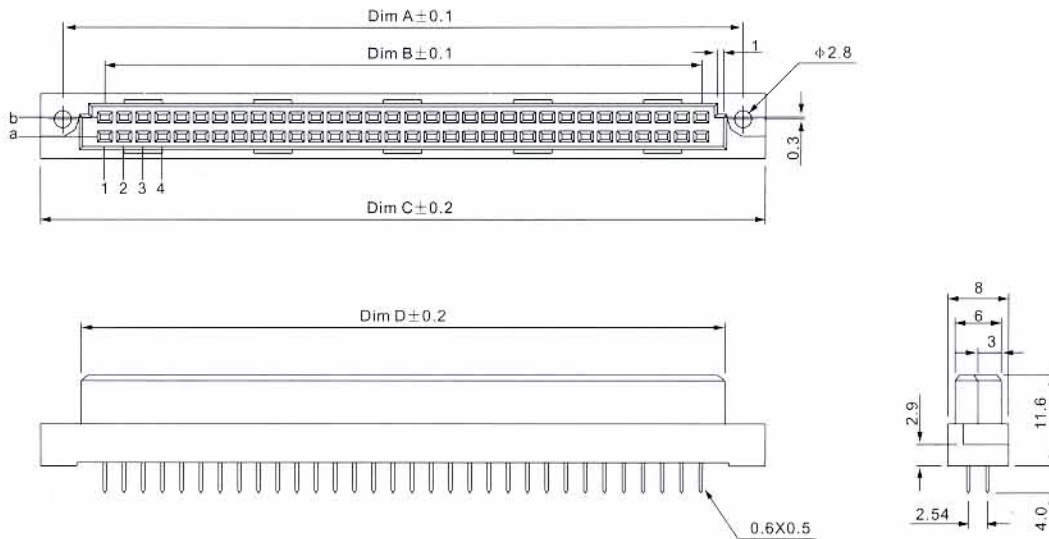


### ■ Specifications:

- Current rating : 2.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -25°C to +125°C

### ■ Material and Finish:

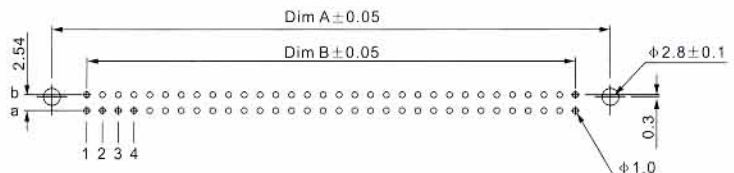
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Selective Gold Plated



### ■ Engineering Dimension

Circuits	Dim A	Dim B	Dim C	Dim D
32	49.36	38.10	54.50	44.40
64	90.00	78.74	96.00	85.00

### ■ Recommended PCB Layout



### ■ Ordering Information

**DIN01-XXAB-FS**

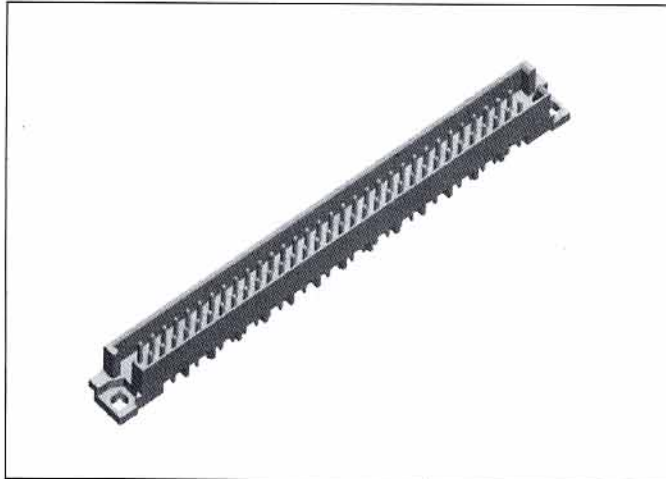
①

②

① No. Of Contacts:32,64 Double Rows

② Female Straight

Unit:mm

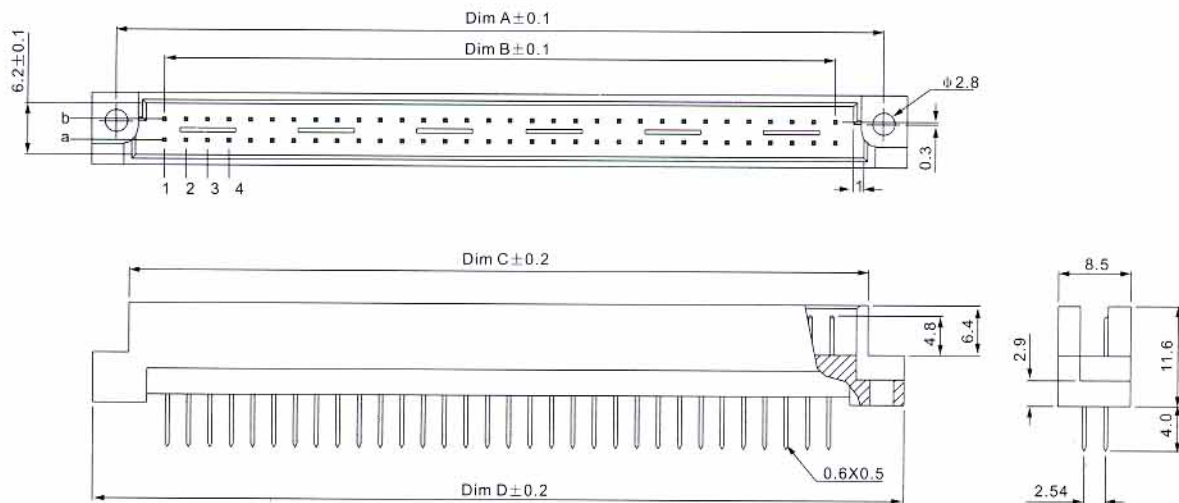


### ■ Specifications:

- Current rating : 2.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -25°C to +125°C

### ■ Material and Finish:

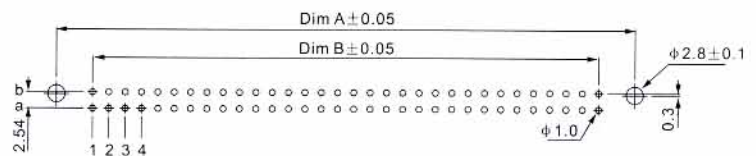
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Selective Gold Plated



### ■ Engineering Dimension

Circuits	Dim A	Dim B	Dim C	Dim D
32	49.36	38.10	47.40	54.50
64	90.00	78.74	88.00	95.00

### ■ Recommended PCB Layout



### ■ Ordering Information

DIN02 XXAB MS

①

②

① No. of Contacts: 32, 64 Double Rows	② Male Straight
---	-----------------

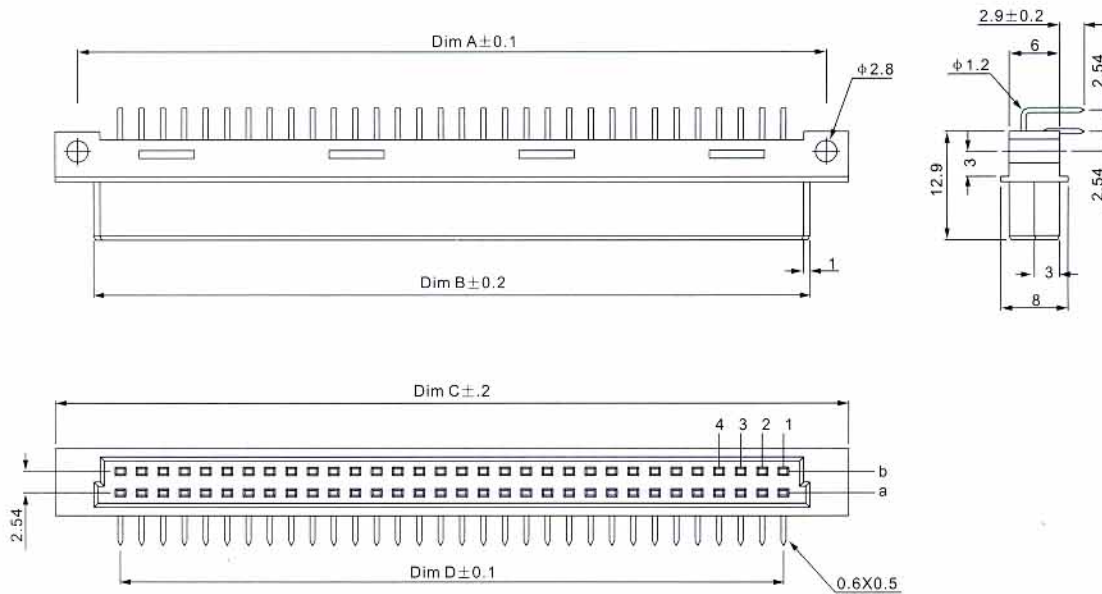
Unit:mm

### Specifications:

- Current rating : 2.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -25°C to +125°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Selective Gold Plated



### Engineering Dimension

Circuits	Dim A	Dim B	Dim C	Dim D
32	48.26	44.40	53.60	38.10
64	88.90	85.00	94.00	78.74

### Ordering Information

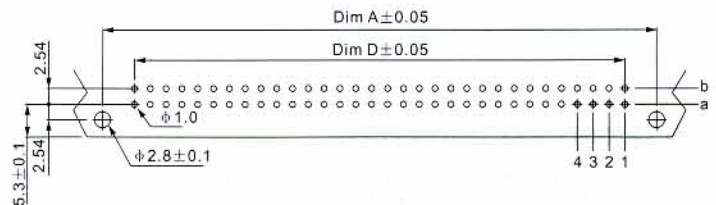
**DIN02 — XXAB — FR**

①                      ②

① No. of Contacts:32,64 Double Rows

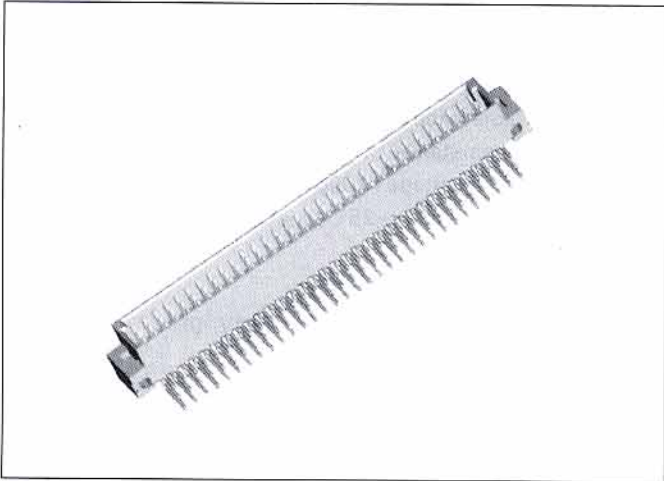
② Female Right Angle

### Recommended PCB Layout



Unit:mm



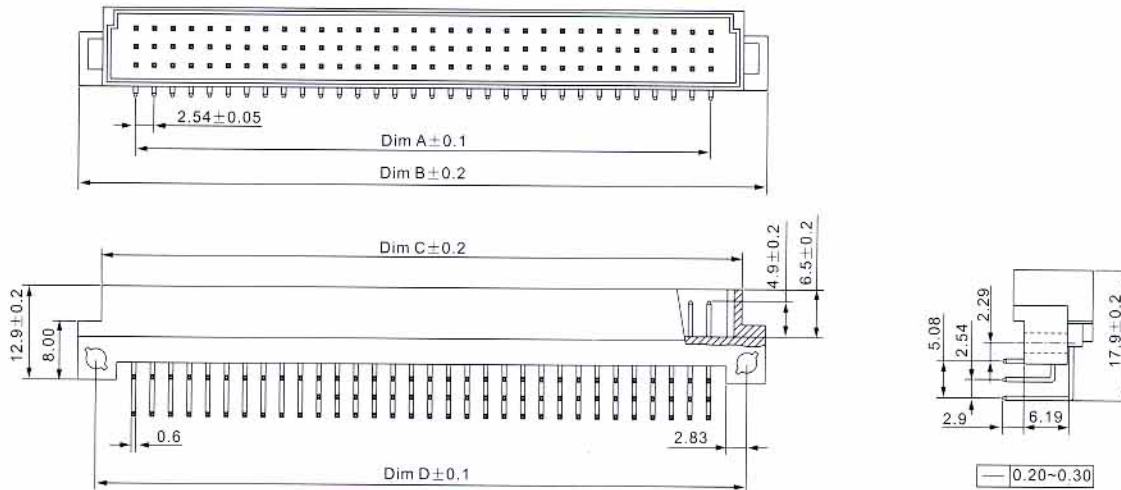


### ■ Specifications:

- Current rating : 2.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -25°C to +125°C

### ■ Material and Finish:

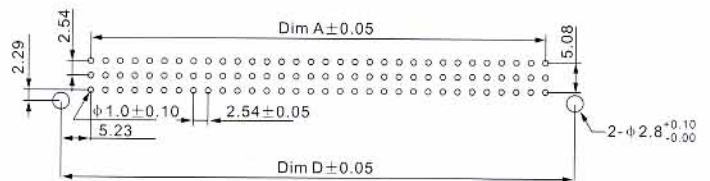
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Selective Gold



### ■ Engineering Dimension

Circuits	Dim A	Dim B	Dim C	Dim D
48	38.10	53.25	46.79	48.20
96	78.74	94.26	87.80	89.21

### ■ Recommended PCB Layout



### ■ Ordering Information

**DIN03** — **XXABC** — **MR**

①

②

① No. of Contacts: 48, 96  
Three Rows

② Male Right Angle

Unit:mm

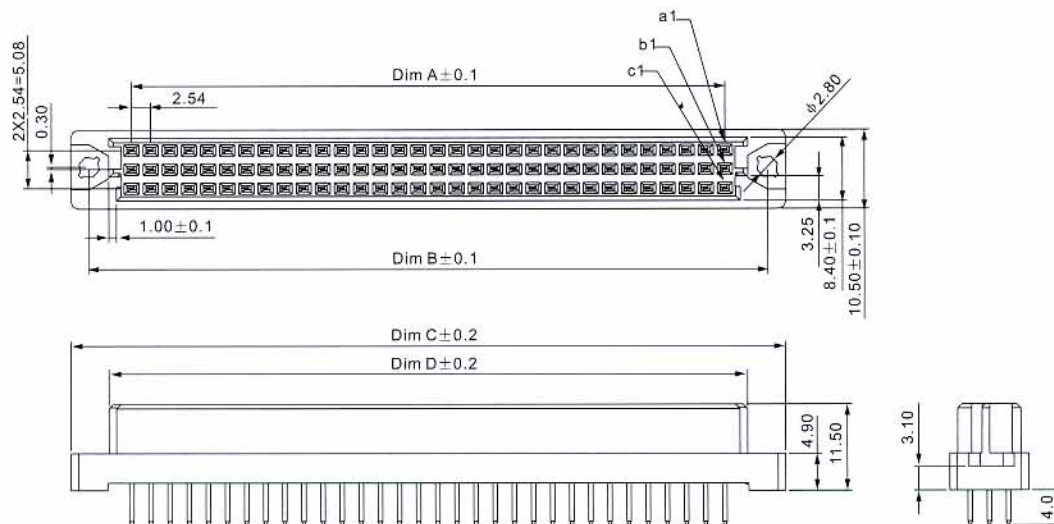


### ■ Specifications:

Current rating : 2.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -25°C to +125°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Selective Gold Plated



### ■ Engineering Dimension

Circuits	Dim A	Dim B	Dim C	Dim D
48	38.10	49.36	54.50	44.40
96	78.74	90.00	94.90	84.80

### ■ Ordering Information

DIN03 — XXABC — FS

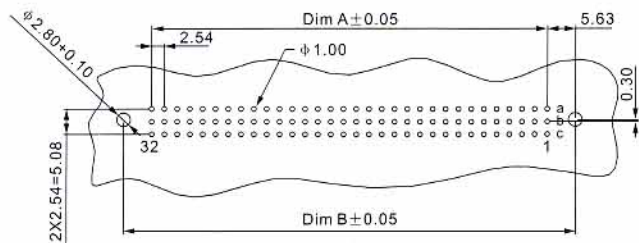
①

②

① No. of Contacts: 48, 96  
Three Rows

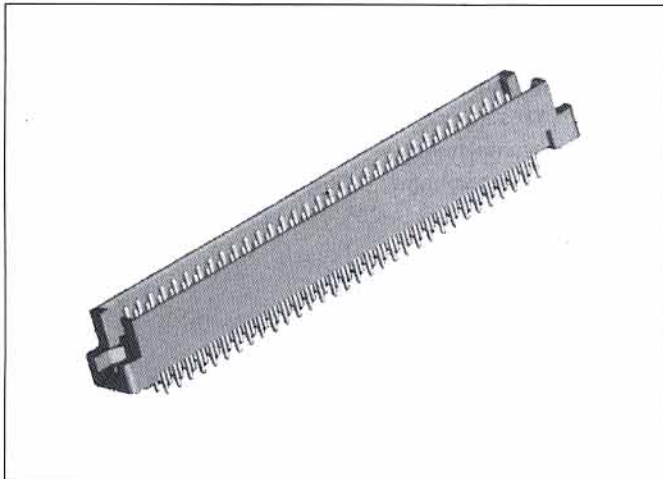
② Female Straight

### ■ Recommended PCB Layout



RECOMMENDED P.C.B. LAYOUT

Unit:mm

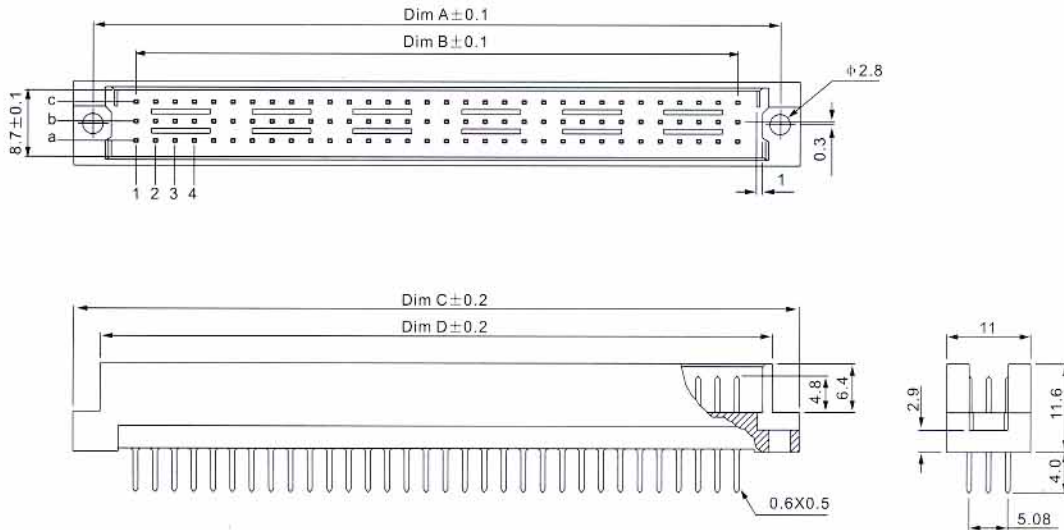


### Specifications:

- Current rating : 2.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 30 m ohm max
- Insulation resistance : 3000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -25°C to +125°C

### Material and Finish:

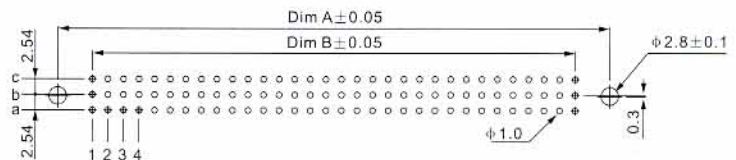
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Selective Gold Plated



### Engineering Dimension

Circuits	Dim A	Dim B	Dim C	Dim D
48	49.36	38.10	54.50	47.40
96	90.00	78.74	95.00	88.00

### Recommended PCB Layout



### Ordering Information

**DIN04-XXABC-MS**

①

②

① No. of Contacts: 48, 96  
Three Rows

② Male Straight

Unit:mm



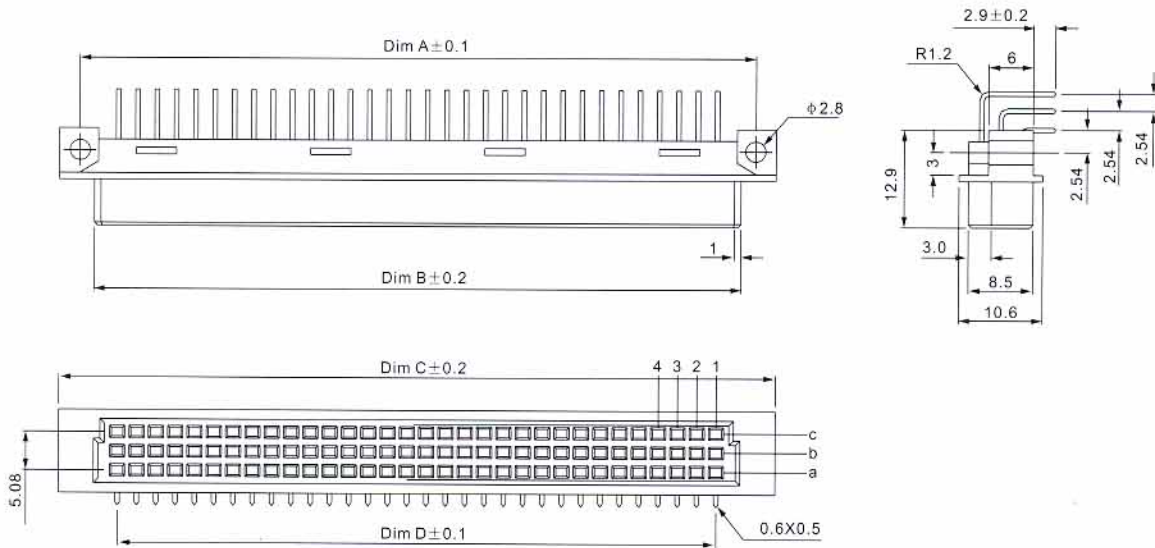


### ■ Specifications:

Current rating : 2.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -25°C to +125°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Selective Gold Plated



### ■ Engineering Dimension

Circuits	Dim A	Dim B	Dim C	Dim D
48	48.26	44.40	53.60	38.10
96	88.90	85.00	94.00	78.74

### ■ Ordering Information

**DIN04—XXABC—FR**

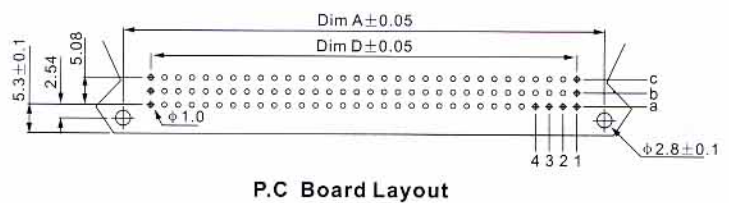
①

②

① No. of Contacts: 48, 96  
Three Rows

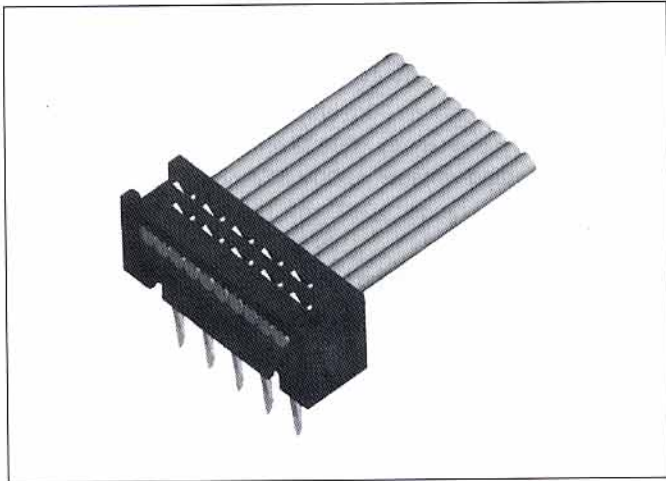
② Female Right  
Angle

### ■ Recommended PCB Layout



Unit:mm

# IDC Connector

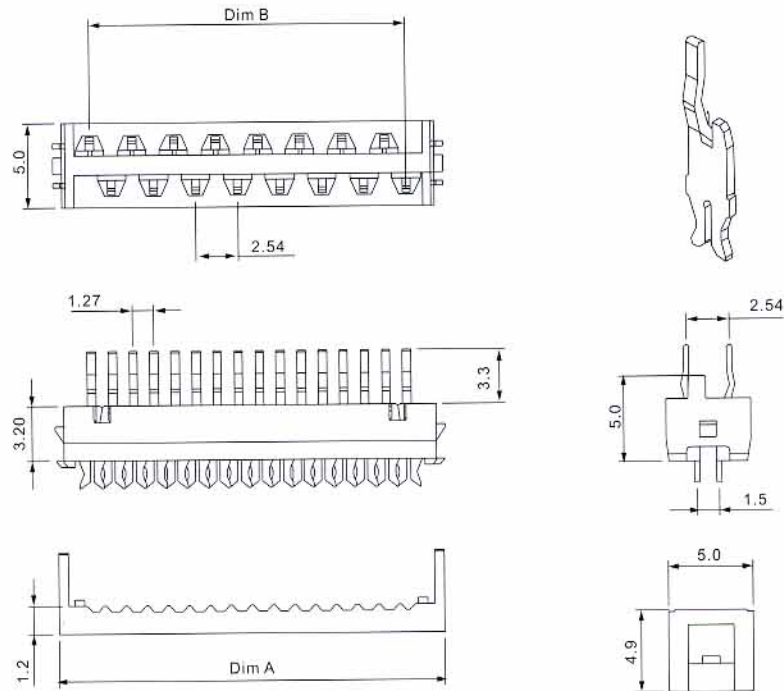


### Specifications:

- Current rating : 1.0A AC/DC
- Voltage rating : 30V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -40°C to +105°C

### Material and Finish:

- Insulator: High Temp. Plastic (UL94V-0)
- Contact : Phosphor Brass
- Finish : Tin Plated



### Engineering Dimension

POSITION	A	B
4	8.46	3.81
6	11.00	6.35
8	13.54	8.89
10	16.08	11.43
12	18.62	13.97
14	21.16	16.51
16	23.70	19.05
18	26.24	21.59
20	28.78	24.13

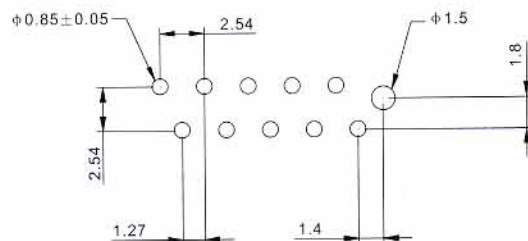
### Ordering Information

**IDC11-XX**

①

① No. of Contacts

### Recommended PCB Layout



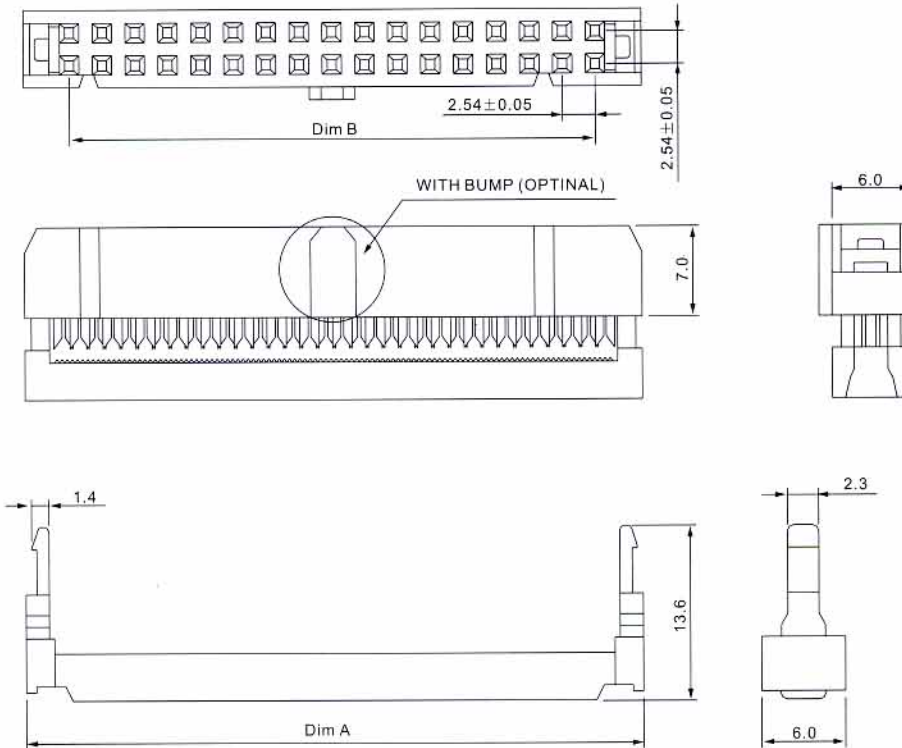
**Unit:mm**

### Specifications:

Current rating : 1.0A AC/DC  
 Voltage rating : 30V AC/DC  
 Contact resistance : 20m ohm max  
 Insulation resistance : 1000 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -40°C to +105°C

### Material and Finish:

Insulator: High Temp. Plastic (UL94V-0)  
 Contact: Copper Alloy  
 Finish: Selective Gold



### Ordering Information

**IDC04—XXSR**

① ②

① No. of Contacts

② Blank W/O SR  
 SR: With Strain Relief

### Engineering Dimension

CIRCUITS	DIM. A	DIM. B
6	12.18	5.08
8	14.72	7.62
10	17.40	10.16
12	19.80	12.70
14	22.45	15.24
16	25.08	17.78
20	30.20	22.86
24	35.04	27.94
26	37.70	30.48
30	42.70	35.56
34	47.84	40.64
40	55.58	48.26
50	68.14	60.96
60	81.04	73.66
64	85.84	78.74

Unit:mm

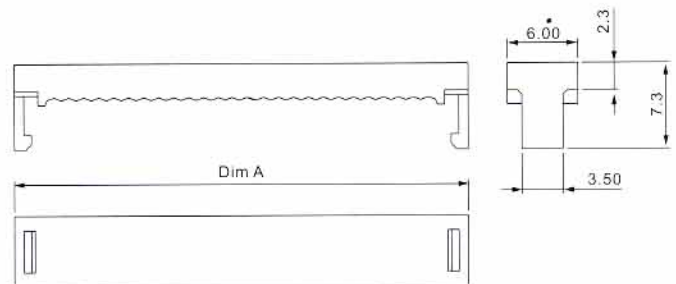
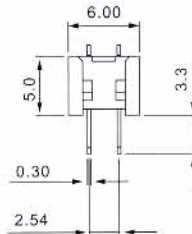
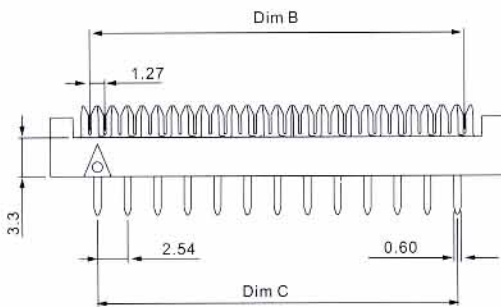
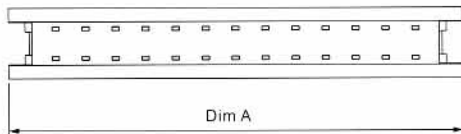
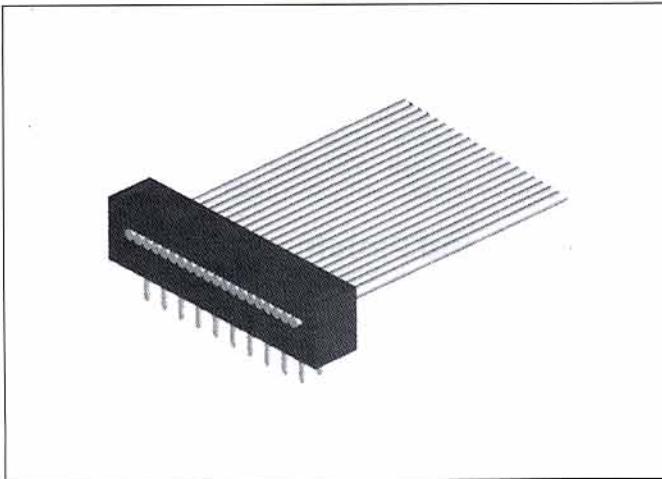


### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 30V AC/DC  
Contact resistance : 20m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -40°C to +105°C

### ■ Material and Finish:

Insulator: High Temp. Plastic (UL94V-0)  
Contact: Copper Alloy  
Finish: Selective Gold or Tin over nickel Plated



### ■ Engineering Dimension

Position	DIM.A	DIM.B	DIM.C
6	13.07	6.35	5.08
8	15.61	8.89	7.62
10	18.15	11.43	10.16
12	20.69	13.97	12.7
14	23.23	16.51	15.24
16	25.77	19.05	17.78
18	28.31	21.59	20.32
20	30.85	24.13	22.86
22	33.39	26.67	25.4
24	35.93	29.21	27.94

Position	DIM.A	DIM.B	DIM.C
26	38.47	31.75	30.48
28	41.01	34.29	33.02
30	43.55	36.83	35.56
34	48.63	41.91	40.64
36	51.17	44.45	43.18
40	56.25	49.53	48.26
50	68.95	62.23	60.96
60	81.65	74.93	73.66
64	86.73	80.01	78.74

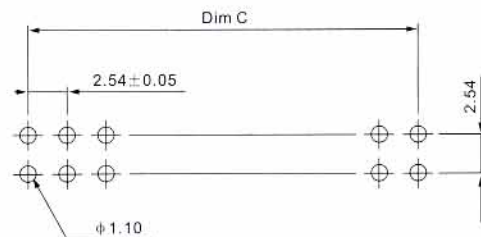
### ■ Ordering Information

**IDC06—XX**

①

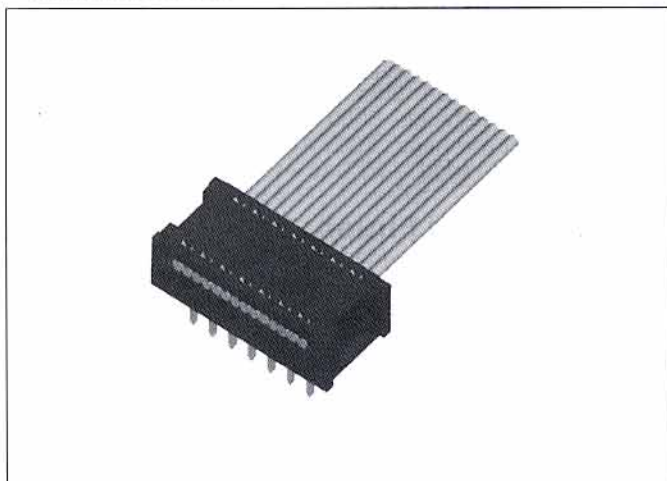
① No. of Contacts

### ■ Recommended PCB Layout



Unit:mm

## IDC Connector

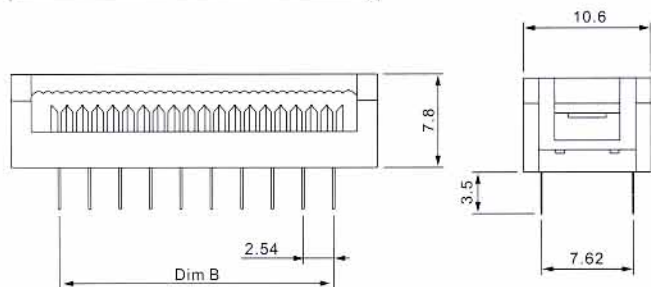
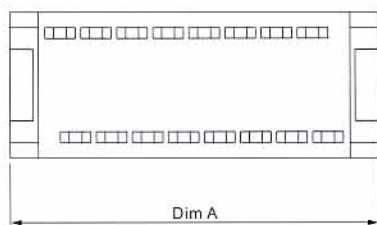


### Specifications:

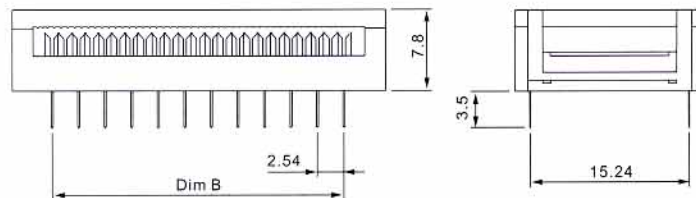
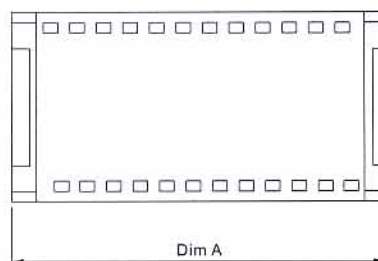
Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 20m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -40°C to +105°C

### Material and Finish:

Insulator: High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Or Selective Gold Plated



P/N : IDC07A-XX



P/N : IDC07B-XX

### Engineering Dimension

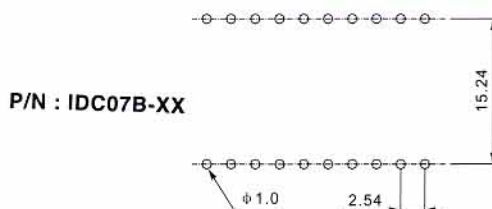
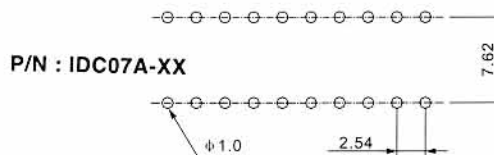
#### IDC07A

CIRCUITS	DIM.A	DIM.B
8	15.44	7.62
10	17.96	10.16
14	23.06	15.24
16	25.60	17.78
18	28.14	20.32
20	30.68	22.86
24	35.76	27.94
40	56.08	48.26

#### IDC07B

CIRCUITS	DIM.A	DIM.B
24	35.76	27.94
28	40.84	33.02
32	45.84	38.10
36	50.92	43.18
40	56.08	48.26

### Recommended PCB Layout



### Ordering Information

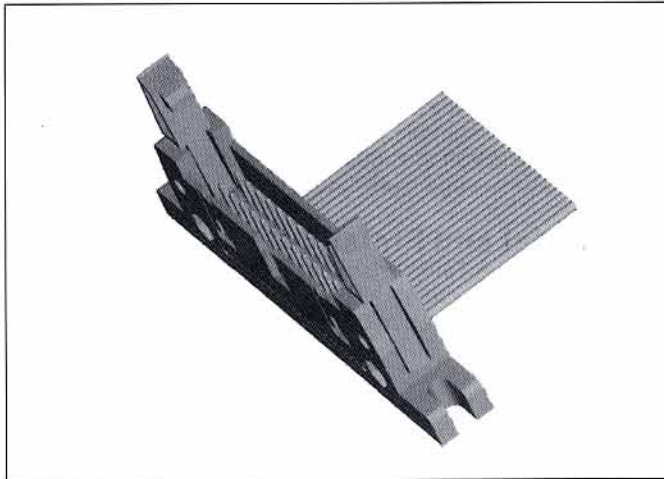
## IDC07A-XX

①      ②

① Row to Row Space  
A:0.3"  
B:0.6"

② No. of Contacts

Unit:mm

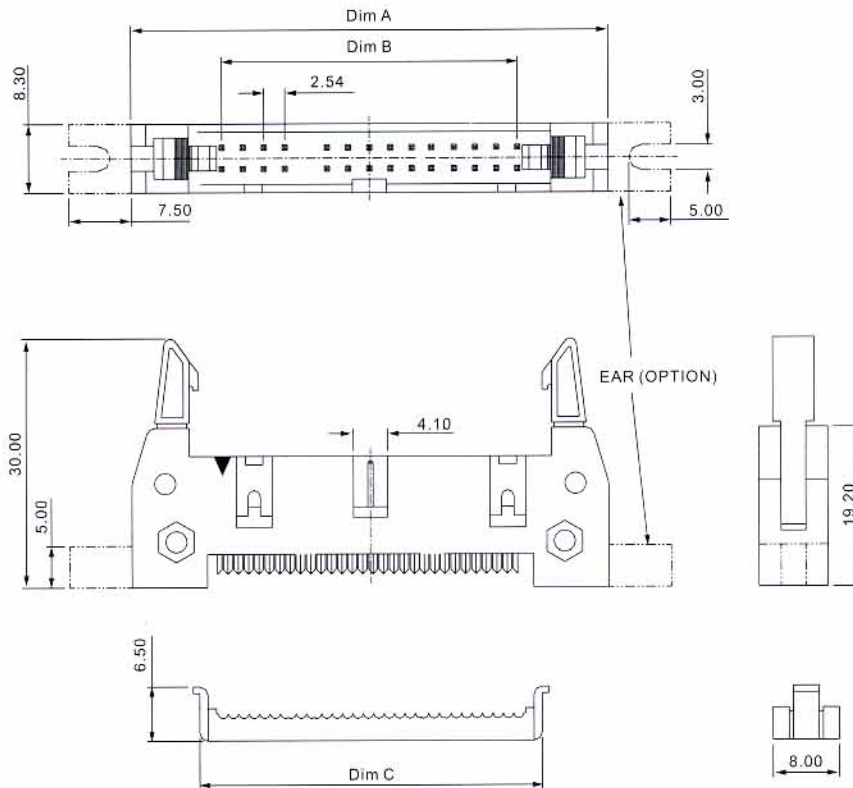


### ■ Specifications:

Current rating : 3.0A AC/DC  
Voltage rating : 30V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -55°C to +105°C

### ■ Material and Finish:

Insulator: High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Selective Plated



### ■ Ordering Information

**IDC10-XX-XX**

①      ②

① No. of Contacts

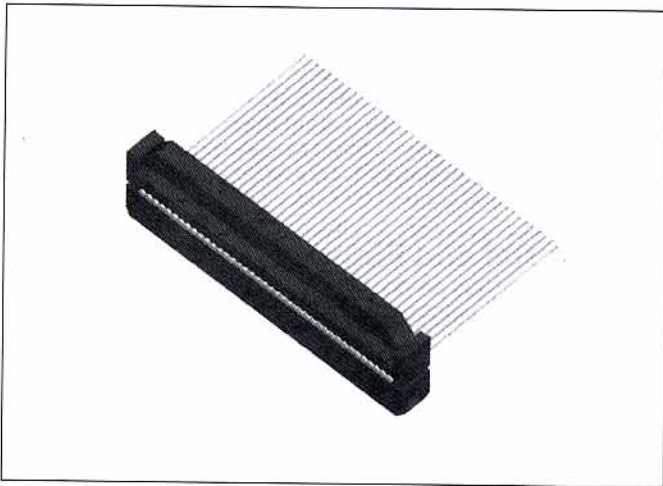
② Blank W/Mounting Ear  
01: W/O Mounting Ear

### ■ Engineering Dimension

TOTAL NO. OF PINS	DIMENSIONS (UNIT: mm/inch)		
	A ±0.30/0.12	B	C ±0.30/0.12
10	32.00/1.260	10.16/400	17.40/685
14	37.08/1.460	15.24/600	22.48/885
16	39.62/1.560	17.78/700	25.02/985
20	44.70/1.760	22.86/900	30.10/1.185
24	49.78/1.960	27.94/1.100	35.18/1.385
26	52.32/2.060	30.48/1.200	37.72/1.485
30	57.40/2.260	35.56/1.400	35.56/1.400
34	62.48/2.460	40.64/1.600	40.64/1.600
40	70.10/2.760	48.26/1.900	48.26/1.900
50	82.80/3.260	60.96/2.400	60.96/2.400
60	95.50/3.760	73.66/2.900	73.66/2.900
64	100.58/3.960	78.74/3.100	78.74/3.100

Unit:mm



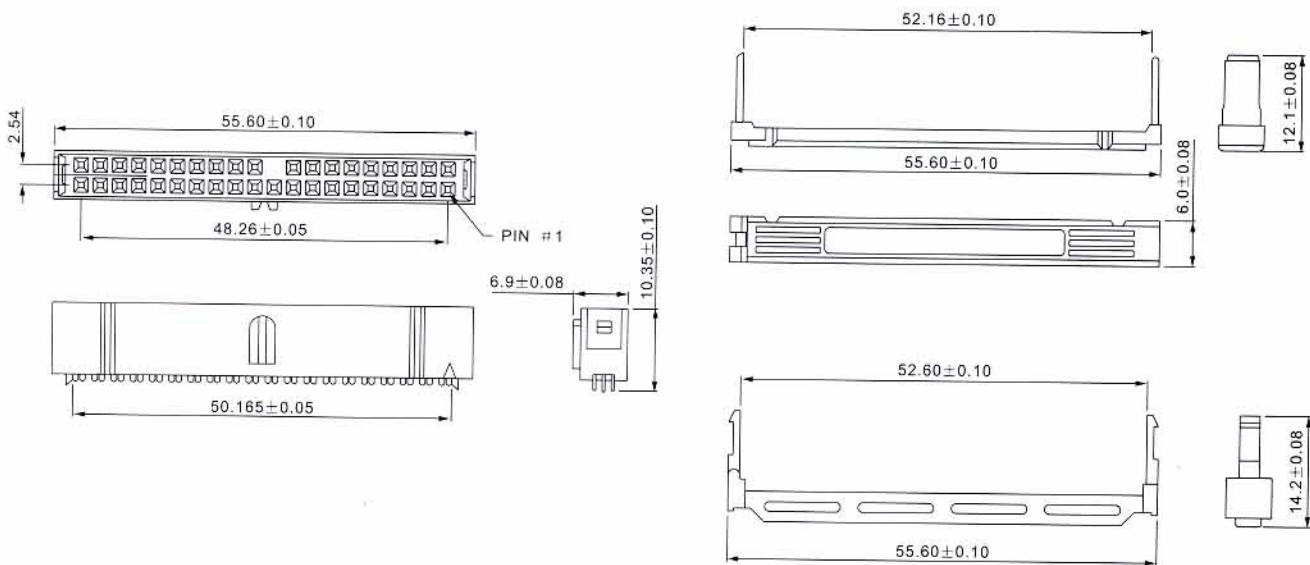


### Specifications:

- Current rating : 0.5A AC/DC
- Voltage rating : 30V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 250V AC/minute
- Temperature range : -55°C to +85°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze Selected Gold in Mating Area
- Finish : Selective Gold Plated



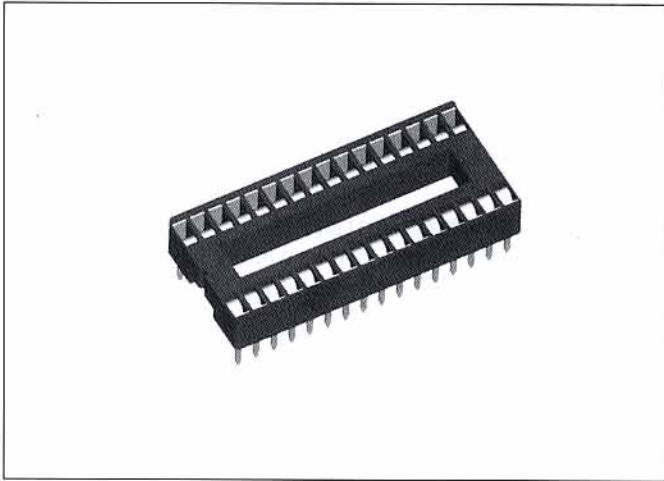
### Ordering Information

**IDC12—40SR—XX**

①      ②

<p>① Blank W/O SR SR: With Strain Relief</p>	<p>② BK: Black BU: Blue GR: Grey</p>
--	--

Unit:mm

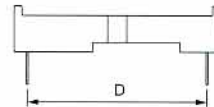
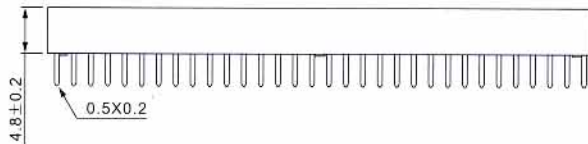
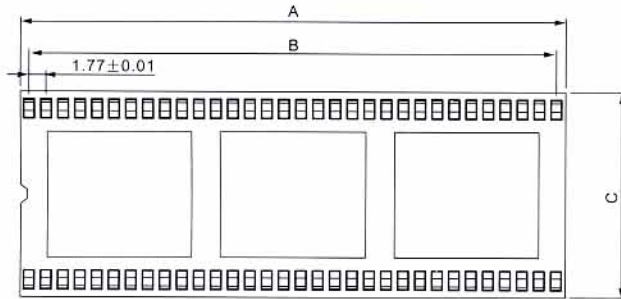


### Specifications:

- Current rating : 1.0A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 10 m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -55°C to +175°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated



### Ordering Information

**EIC06-XX-XX**

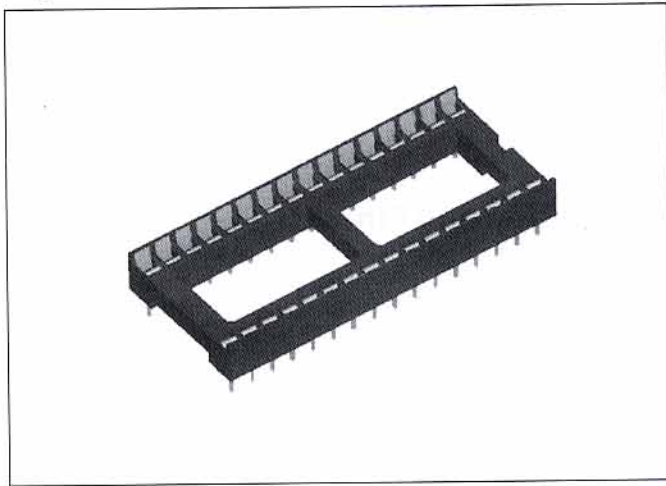
①                      ②

① No. of Contacts	② Row to Row Space 03: 0.3" / 04: 0.4" 06: 0.6" / 075: 0.75"
-------------------	--

### Engineering Dimension

	A	B	C	D	space
16	14.22	12.45	10.10	7.62	03
20	17.78	16.00	10.10	7.62	
22	19.56	17.78	10.10	7.62	
24	21.34	19.56	10.10	7.62	
24	21.34	19.56	12.65	10.16	04
28	24.89	23.11	12.65	10.16	
30	26.67	24.89	12.65	10.16	
32	28.45	26.67	12.65	10.16	
40	35.56	33.78	17.70	15.24	06
42	37.34	35.56	17.70	15.24	
48	42.67	40.89	17.70	15.24	
52	46.23	44.45	17.70	15.24	
54	48.01	46.23	17.70	15.24	
56	49.78	48.01	17.70	15.24	
64	56.90	55.12	17.70	15.24	
64	56.90	55.12	21.55	19.05	

Unit:mm

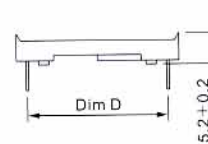
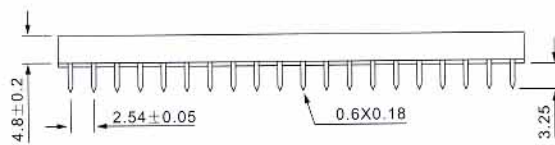
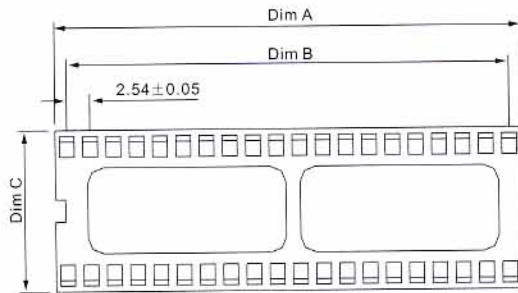


### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 10 m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -55°C to +125°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated



### ■ Ordering Information

**EIC01-XX-XX**

①                      ②

① No. of Contacts

② Row to Row Space  
03: 0.3" / 04: 0.4"  
06: 0.6" / 09: 0.9"

### ■ Engineering Dimension

	A	B	C	D	SPACING	
6	7.62	5.08	10.16	7.62	03	
8	10.16	7.62	10.16	7.62		
14	17.78	15.24	10.16	7.62		
16	20.32	17.78	10.16	7.62		
18	22.86	20.32	10.16	7.62		
20	25.40	22.86	10.16	7.62		
22	27.94	25.40	10.16	7.62		
24	30.48	27.94	10.16	7.62		
28	35.56	33.02	10.16	7.62		
24	30.48	27.94	12.70	10.16		04
24	30.48	27.94	17.78	15.24		
28	35.56	33.02	17.78	15.24		06
32	40.64	38.10	17.78	15.24		
40	50.80	48.26	17.78	15.24		
42	53.34	50.80	17.78	15.24		
48	60.96	58.42	17.78	15.24		
64	81.28	78.74	26.00	22.86	09	

Unit:mm





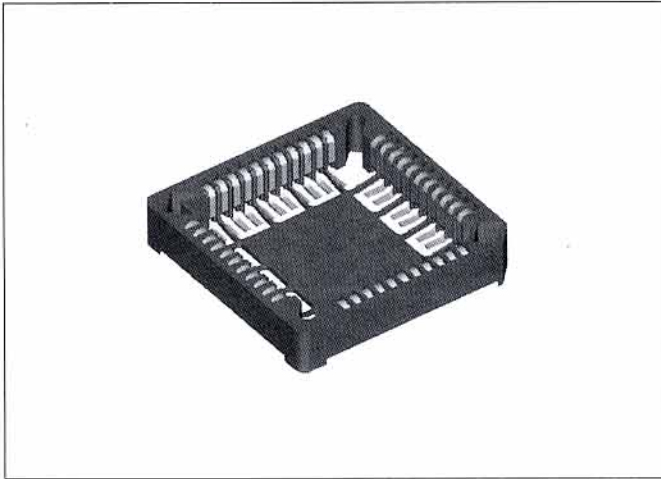
Eltron Interconnection  
System Pte Ltd

# 2.54mm Low Profile PLCC Socket SMD Type

UL Certification E224689

ECC01 Series

## PLCC Socket

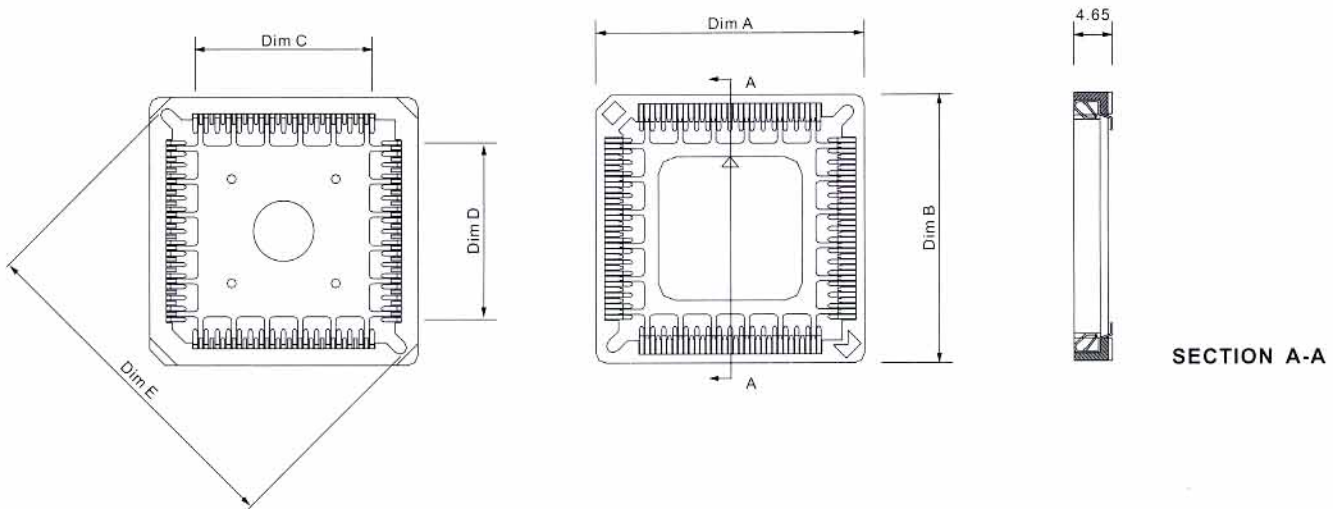


### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -55°C to +110°C

### ■ Material and Finish:

Insulator: High Temp. Plastic (UL94V-0)  
Contact: Phosphor Brass  
Finish: Tin Plated



### ■ Engineering Dimension

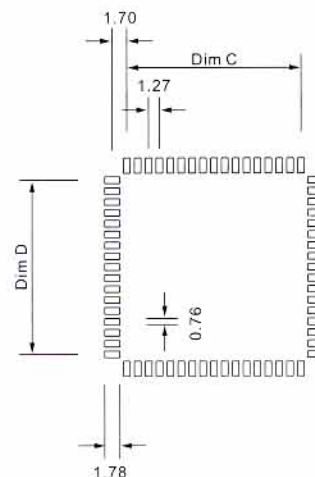
NO. OF CONTACTS	A+/-0.2	B+/-0.2	C+/-0.1	D+/-0.1	E+/-0.2
20	15.66	15.66	5.08	5.08	17.28
28	18.20	18.20	7.62	7.62	20.67
32	18.20	20.74	7.62	10.16	22.76
44	23.28	23.28	12.7	12.70	28.05
52	25.82	25.82	15.24	15.24	31.65
68	30.90	30.90	20.32	20.32	38.83
84	35.98	35.98	25.40	25.40	46.00

### ■ Ordering Information

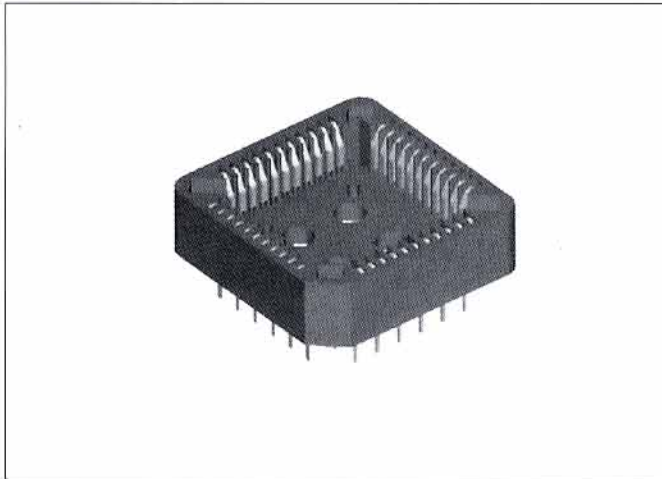
ECC01 — XX — 01  
                  ①                  ②

① No. of Contacts	② SMD Type
-------------------	------------

### ■ Recommended PCB Layout



Unit:mm

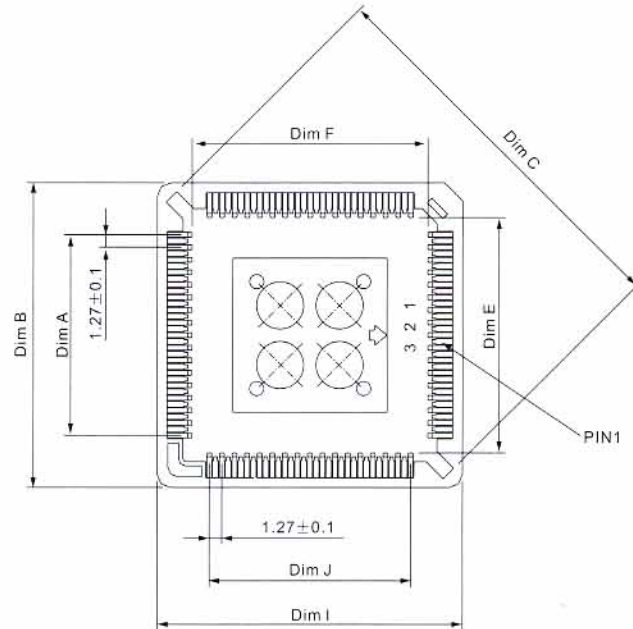
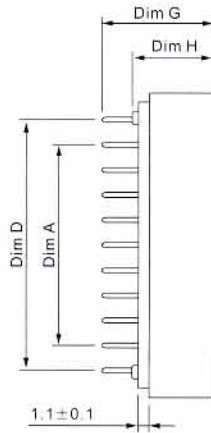


### ■ Specifications:

Current rating : 1.0A AC/DC  
 Voltage rating : 50V AC/DC  
 Contact resistance : 30m ohm max  
 Insulation resistance : 1000 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -55°C to +110°C

### ■ Material and Finish:

Insulator: High Temp. Plastic (UL94V-0)  
 Contact : Phosphor Brass  
 Finish : Tin Plated



### ■ Engineering Dimension

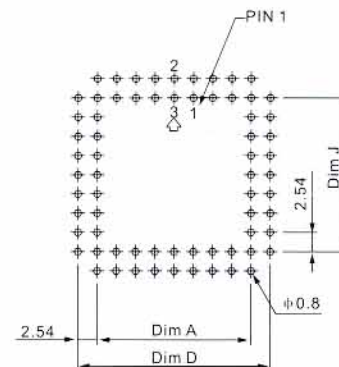
CONTACTS	A	B	C	D	E	F	G	H	I	J
20	5.08	15.56	17.06	10.16	9.30	9.30	11.30	8.10	15.56	5.08
28	7.62	18.10	20.70	12.70	11.90	11.90	11.30	8.10	18.10	7.62
32	7.62	18.10	22.80	12.70	11.90	14.00	11.30	8.10	20.64	10.16
44	12.70	23.18	27.80	17.78	16.76	16.76	11.30	8.10	23.18	12.70
52	15.24	25.72	31.50	20.32	19.12	19.12	11.30	8.10	25.72	15.24
68	20.32	30.80	39.00	25.40	25.25	25.25	11.30	8.10	30.80	20.32
84	25.40	35.88	46.15	30.48	29.28	29.28	11.30	8.10	35.88	25.40

### ■ Ordering Information

ECC01 — XX — XX  
 ①                      ②

① No. of Contacts	② Material PBT: Insulator PBT PPS: Insulator PPS
-------------------	--

### ■ Recommended PCB Layout



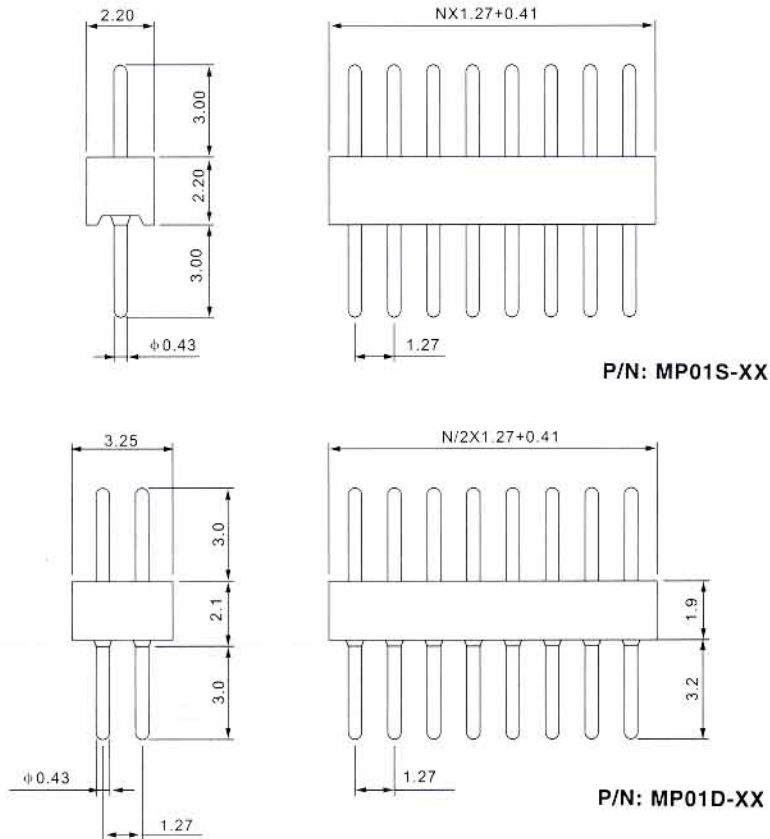
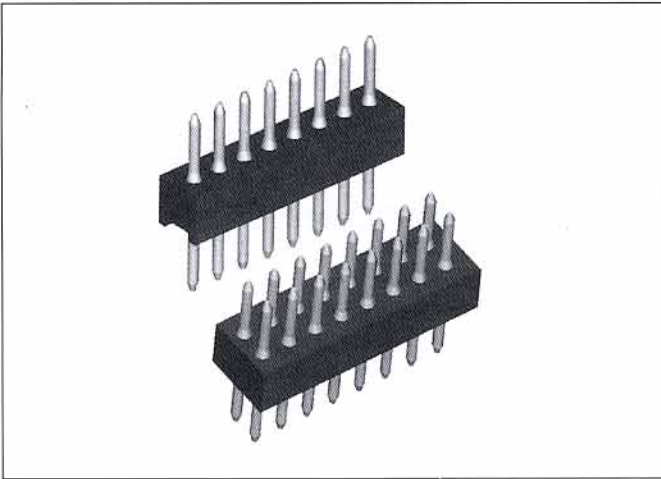
Unit:mm

### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 10 m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -55°C to +175°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Gold /Tin Plated



### ■ Ordering Information

**MP01S / MP01D — XX**

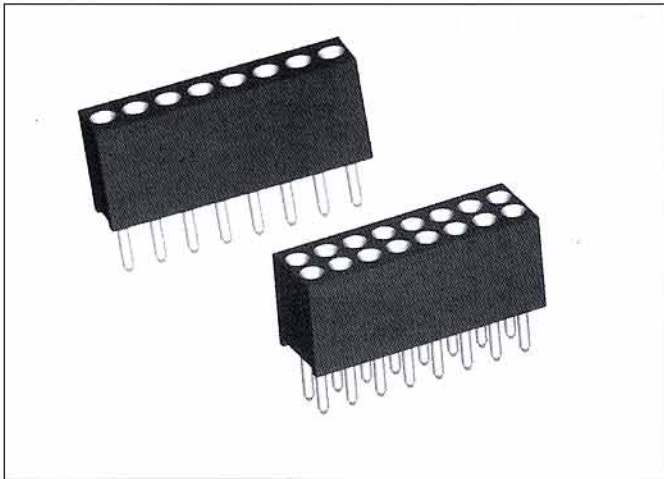
①

②

① MP01S: Single Row MP01D: Double Rows	② No. of Contacts
---	-------------------

Unit:mm



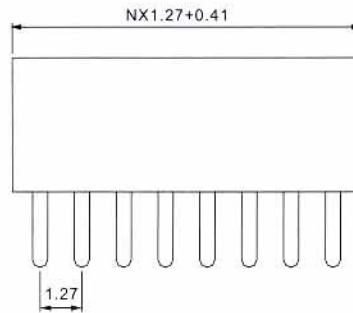
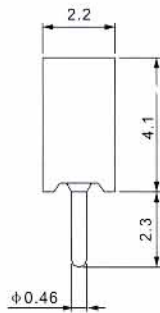


■ **Specifications:**

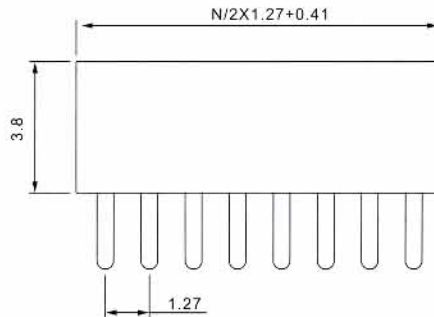
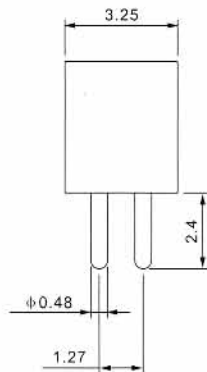
Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 10 m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -55°C to +175°C

■ **Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Beryllium Copper  
Finish : Tin Plating



P/N: MP02S-XX



P/N: MP02D-XX

■ **Ordering Information**

**MP02S/MP02D—XX**

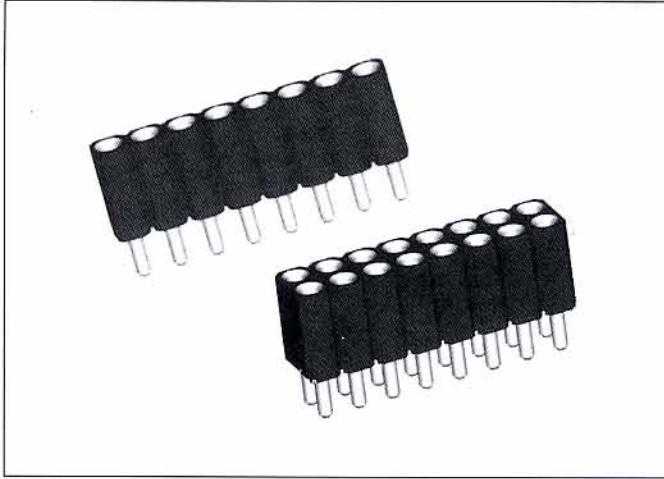
①

②

① MP02S: Single Row  
MP02D: Double Rows

② No. of Contacts

Unit:mm

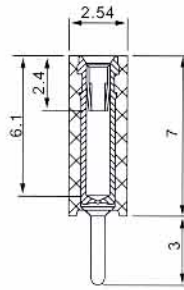
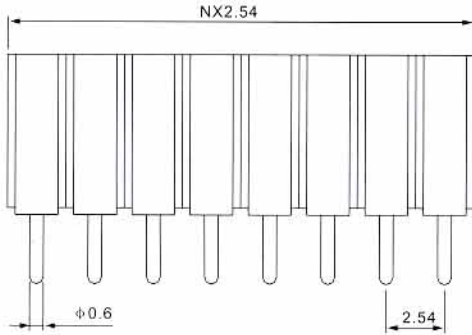


**Specifications:**

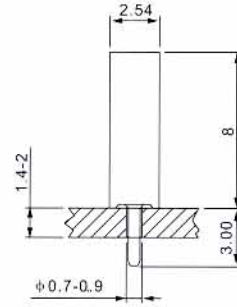
Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 10 m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -55°C to +175°C

**Material and Finish:**

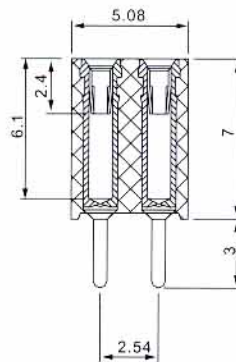
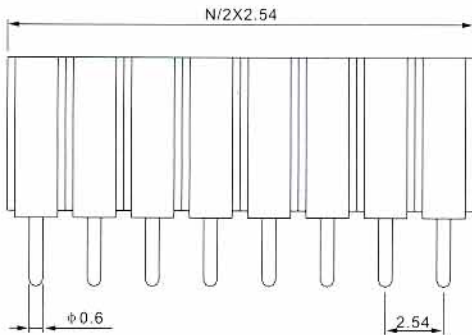
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Beryllium Copper  
Finish : Tin/Gold Plated



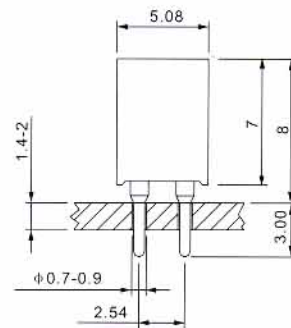
P/N: MP06S-XX-70



P/N: MP06S-XX-80



P/N: MP06D-XX-70



P/N: MP06D-XX-80

**Ordering Information**

**MP06S/MP06D — XX — 70**

①                      ②                      ③

① MP06S: Single Row MP06D: Double Rows	② No. of Contacts	③ Insulator Height: 70:7.0mm 80:8.0mm
---	-------------------	---

Unit:mm

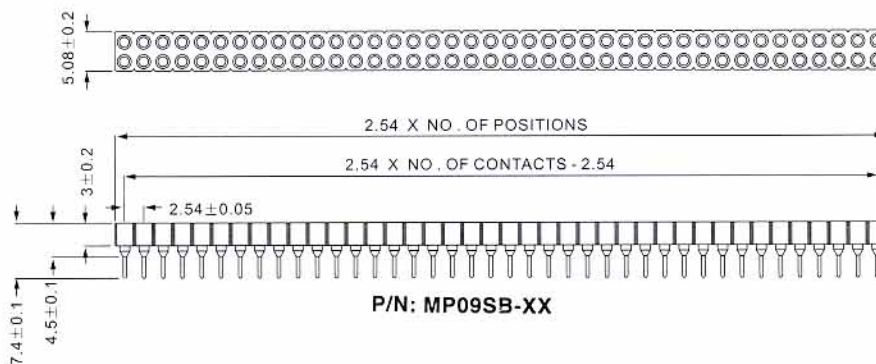
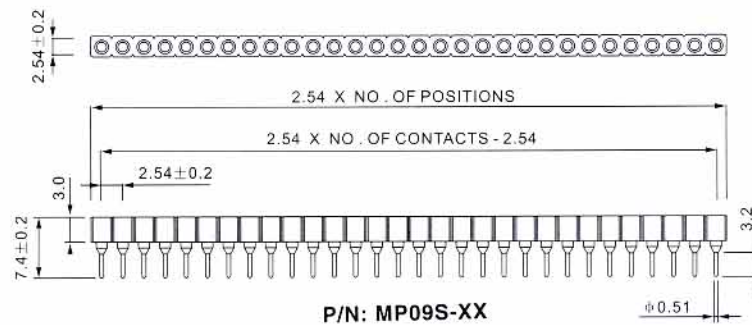


### ■ Specifications:

- Current rating : 1.0A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 10 m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -55°C to +240°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Beryllium Copper
- Finish : Tin/Gold Plated



### ■ Ordering Information

**MP09S/SB-XX**

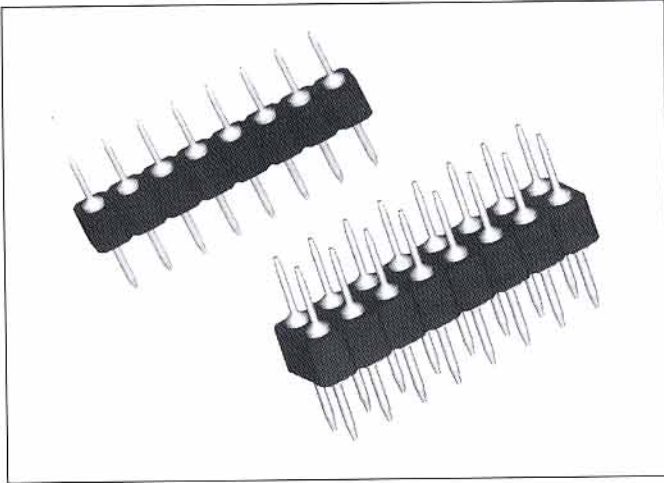
①      ②

① S: Single Row  
SB: Double Rows

② No. of Contacts

Unit:mm



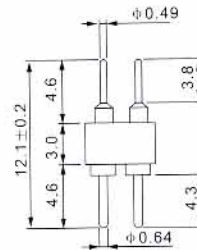
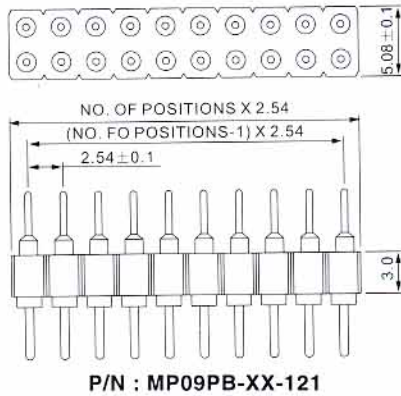
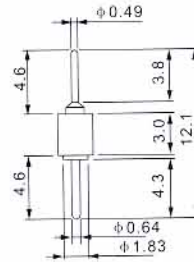
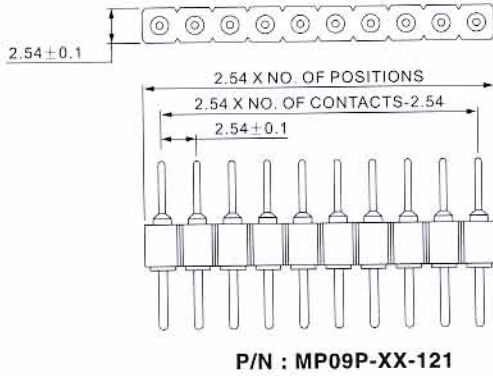


■ **Specifications:**

Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 10 m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -55°C to +240°C

■ **Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Gold/Tin Plated



■ **Ordering Information**

**MP09PB-XX-121**

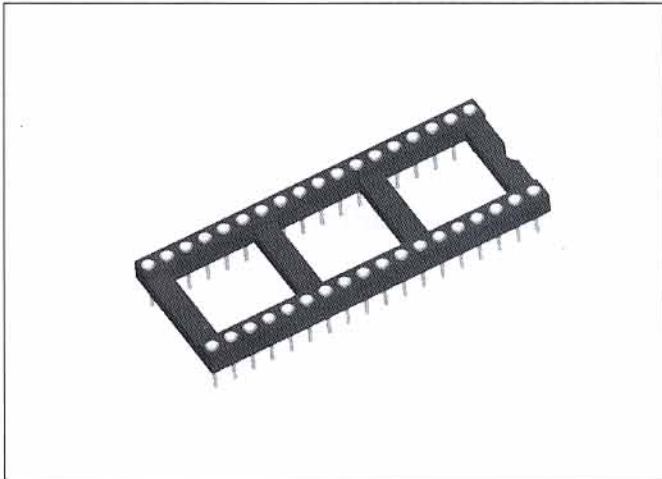
①

②

① P: Single Row  
PB: Double Rows

② No. of Contacts

Unit:mm

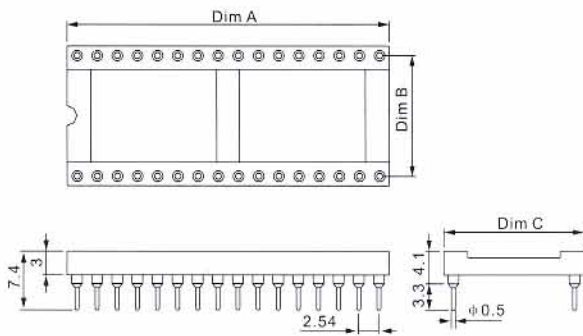


**Specifications:**

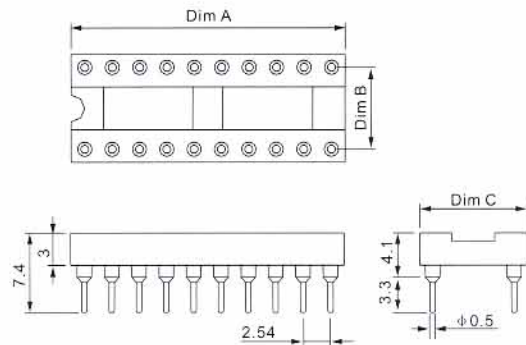
Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 10 m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -55°C to +125°C

**Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Beryllium Copper  
Finish : Gold/Tin Plated



P/N : EIC02MC-XX-06



P/N : EIC02MC-XX-03

**Ordering Information**

**EIC02MC-XX-XX**  
①      ②      ③

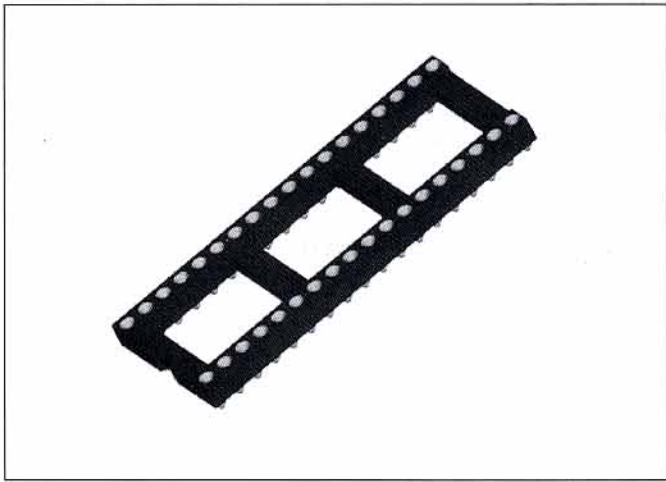
① Machine Pin	② No. of Contacts	③ Row to Row Space 03:0.3" 06:0.6"
---------------	-------------------	--

**Engineering Dimension**

CIRCUITS	DIM. A	DIM. B	DIM. C	SPACE
6	7.62	7.62	10.16	03
8	10.16	7.62	10.16	
14	17.78	7.62	10.16	
16	20.32	7.62	10.16	
18	22.86	7.62	10.16	
20	25.40	7.62	10.16	
22	27.94	7.62	10.16	
24	30.48	7.62	10.16	
28	35.56	7.62	10.16	
24	30.48	15.24	17.78	
28	35.56	15.24	17.78	
32	40.64	15.24	17.78	
40	50.80	15.24	17.78	
42	53.34	15.24	17.78	
48	60.96	15.24	17.78	

Unit:mm

**Machine Pin**

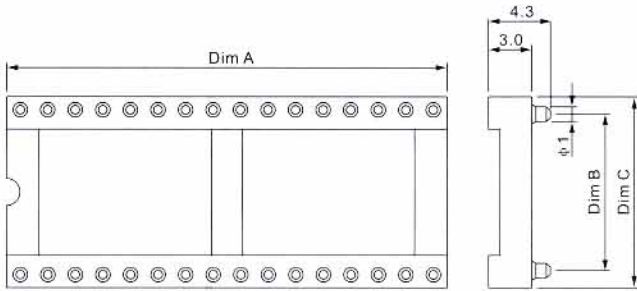


**Specifications:**

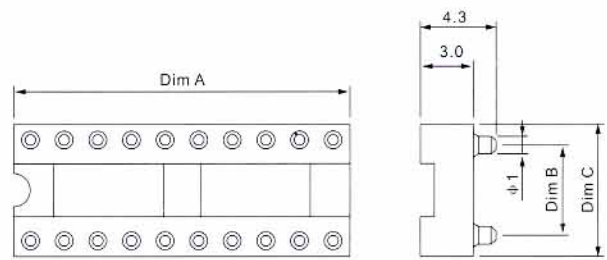
- Current rating : 1.0A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 10 m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -55°C to +125°C

**Material and Finish:**

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Beryllium Copper
- Finish : Gold/Tin Plated



P/N : EIC02MC-XX-06-114

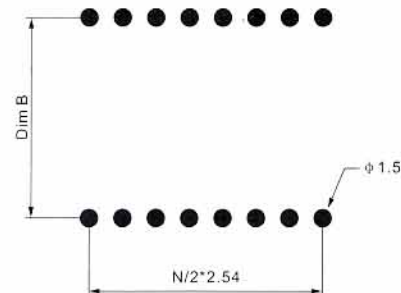


P/N : EIC02MC-XX-03-114

**Engineering Dimension**

CIRCUITS	DIM. A	DIM. B	DIM. C	SPACE
6	7.62	7.62	10.16	03
8	10.16	7.62	10.16	
14	17.78	7.62	10.16	
16	20.32	7.62	10.16	
18	22.86	7.62	10.16	
20	25.40	7.62	10.16	
22	27.94	7.62	10.16	
24	30.48	7.62	10.16	
28	35.56	7.62	10.16	06
24	30.48	15.24	17.78	
28	35.56	15.24	17.78	
32	40.64	15.24	17.78	
40	50.80	15.24	17.78	
42	53.34	15.24	17.78	
48	60.96	15.24	17.78	

**Recommended PCB Layout**



**Ordering Information**

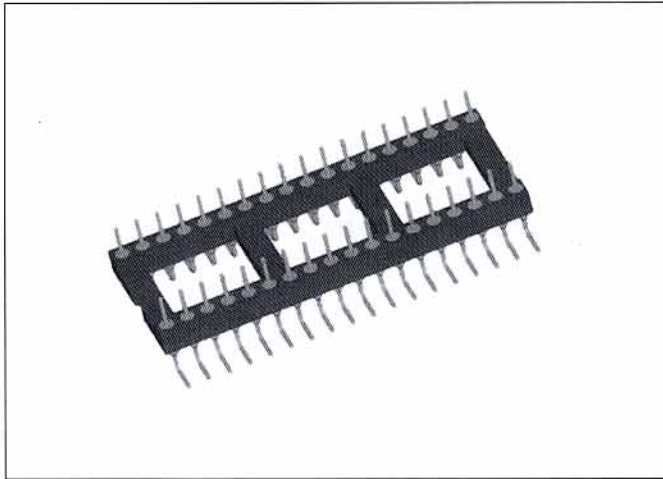
**EIC02MC** — **XX** — **XX** — **114**

①      ②      ③

① Machine Pin	② No. of Contacts	③ Row to Row Space 03: 0.3" 06: 0.6"
---------------	-------------------	--

Unit:mm



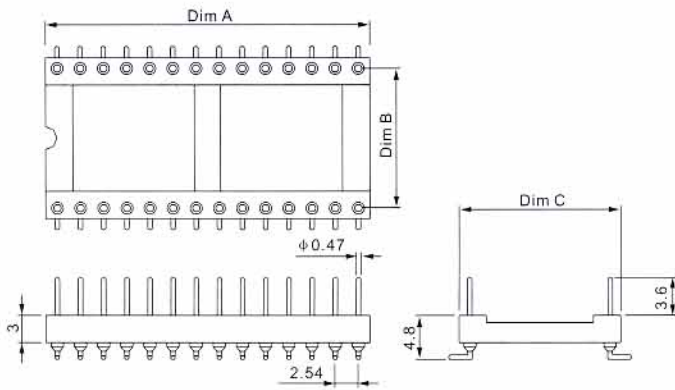


### ■ Specifications:

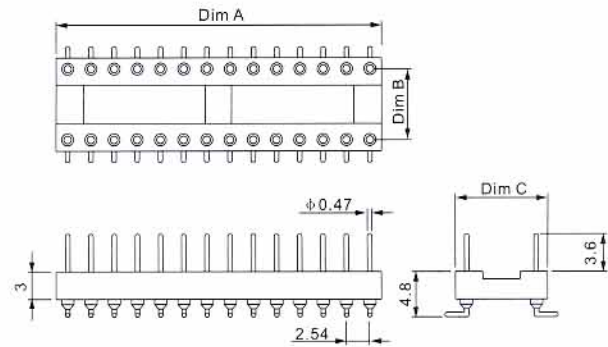
- Current rating : 1.0A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 10 m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -55°C to +125°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic(UL94V-0)
- Contact : Copper Alloy
- Finish : Gold/Tin Plated



P/N : EIC02MC-XX-06-150



P/N : EIC02MC-XX-03-150

### ■ Ordering Information

**EIC02MC-XX-XX-150**

①      ②      ③

① Machine Pin	② No. of Contacts	③ Row to Row Space 03:0.3" 06:0.6"
---------------	-------------------	--

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B	DIM. C	SPACE	
6	7.62	7.62	10.16	03	
8	10.16	7.62	10.16		
10	12.70	7.62	10.16		
14	17.78	7.62	10.16		
16	20.32	7.62	10.16		
18	22.86	7.62	10.16		
20	25.40	7.62	10.16		
22	27.94	7.62	10.16		
24	30.48	7.62	10.16		
28	35.56	7.62	10.16		
24	30.48	15.24	17.78		06
28	35.56	15.24	17.78		
32	40.64	15.24	17.78		
36	45.66	15.24	17.78		
40	50.80	15.24	17.78		
42	53.34	15.24	17.78		
48	60.96	15.24	17.78		

Unit:mm

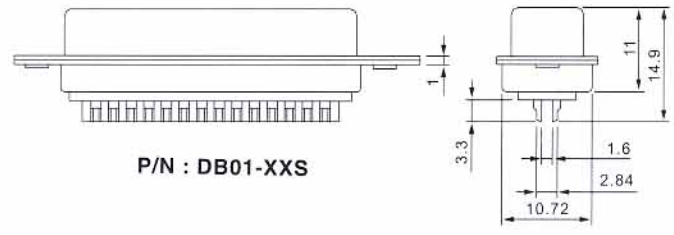
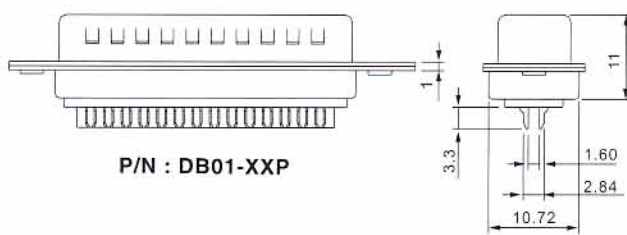
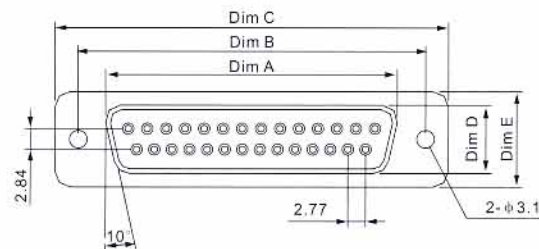
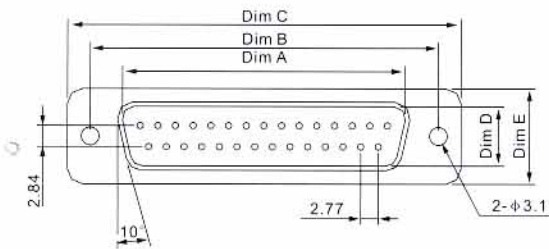


### ■ Specifications:

- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -40°C to +85°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper alloy Nickel undercoated, Selective Gold plated.
- Finish : Metal Iron with nickel plated.



### ■ Engineering Dimension

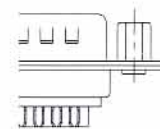
#### DB01-XXP

POSITIONS	A	B	C±0.5	D	E
9	16.92	24.99	30.81	8.38	12.50
15	25.25	33.32	39.14	8.38	12.50
25	38.96	47.04	53.04	8.38	12.50
37	55.42	63.50	69.32	8.38	12.50
50	52.81	61.11	66.93	11.07	15.37

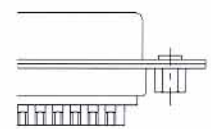
#### DB01-XXS

POSITIONS	A	B	C±0.5	D	E
9	16.33	24.99	30.81	7.90	12.50
15	24.66	33.32	39.14	7.90	12.50
25	38.38	47.04	53.04	7.90	12.50
37	54.84	63.50	69.32	7.90	12.50
50	52.43	61.11	66.93	10.74	15.37

### ■ D-SUB Mounting style options



CC Type



CS Type

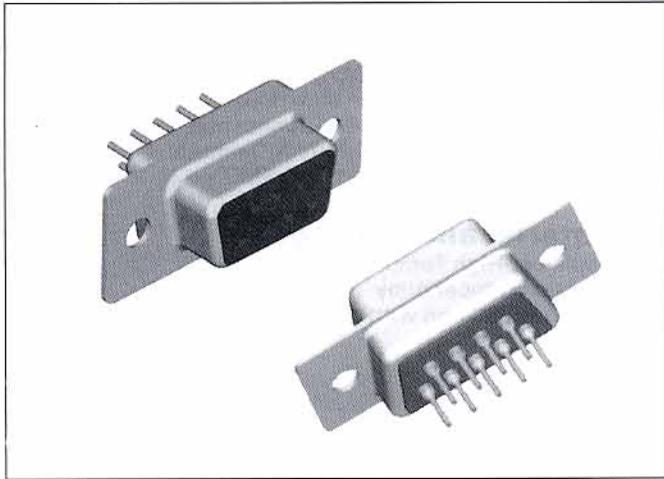
### ■ Ordering Information

**DB01-XXP-XX-XX**

① ② ③ ④

① No. of Contacts	② PA: Male Stamp Pin SA: Female Stamp Pin P: Male Machine Pin S: Female Machine Pin	③ 01: Gold Flash 02: Selective gold	④ Blank Standard Type CS: Rear Rivet CC: Front Rivet
-------------------	--	--	--

**Unit:mm**

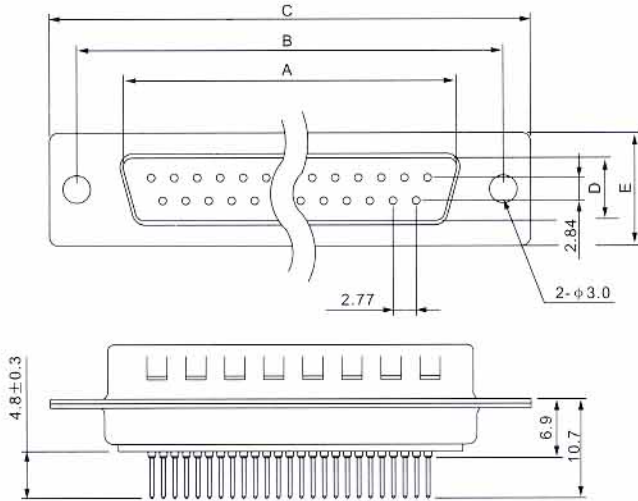


### Specifications:

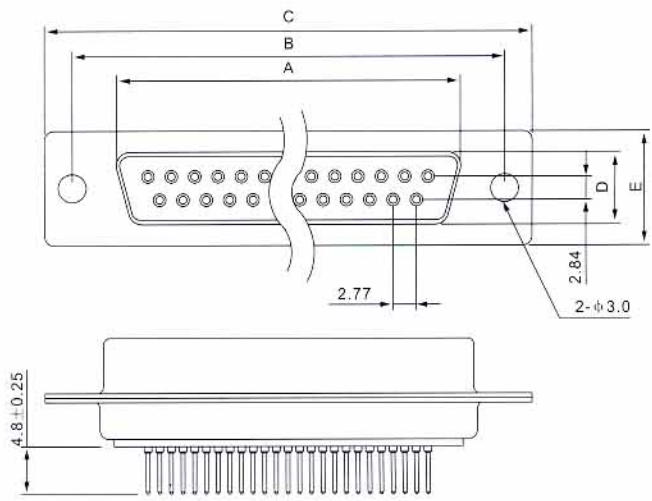
Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 30 M ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -40°C to +85°C

### Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Gold/Selective Gold Plated



P/N : DB02-XXP-XX-XX



P/N : DB02-XXS-XX-XX

### Engineering Dimension

#### P/N : DB02-XXP-XX-XX

POSITIONS	A	B	C±0.5	D	E
9	16.92	24.99	30.81	8.38	12.50
15	25.25	33.32	39.14	8.38	12.50
25	38.96	47.04	53.04	8.38	12.50
37	55.42	63.50	69.32	8.38	12.50
50	52.81	61.11	66.93	11.07	15.37

#### P/N : DB02-XXS-XX-XX

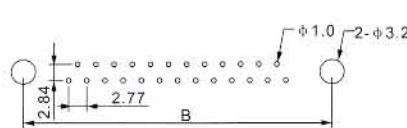
POSITIONS	A	B	C±0.5	D	E
9	16.33	24.99	30.81	7.90	12.50
15	24.66	33.32	39.14	7.90	12.50
25	38.38	47.04	53.04	7.90	12.50
37	54.84	63.50	69.32	7.90	12.50
50	52.43	61.11	66.93	10.74	15.37

### Ordering Information

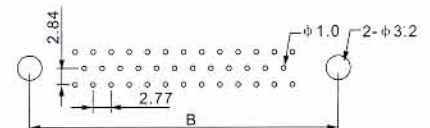
**DB02** — **XXP** — **XX** — **XX**  
① ② ③ ④

① No. of Contacts	② PA: Male Stamp Pin SA: Female Stamp Pin P: Male Machine Pin S: Female Machine Pin	③ 01: Gold flash 02: Selective Gold
④ Black: Standard Type / CS: Rear Rivet CC: Front Rivet / BR: Board Lock - Nut BRJ: Hexscrew + HexNut		

### Recommended PCB Layout

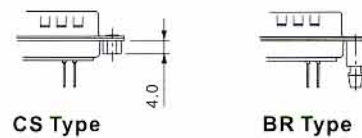


P.C. Board Layout  
(9,15,25,37 Positions)



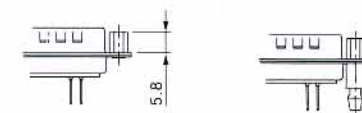
P.C. Board Layout  
(50 Positions)

### D-SUB Mounting style options



CS Type

BR Type



CC Type

BRJ Type

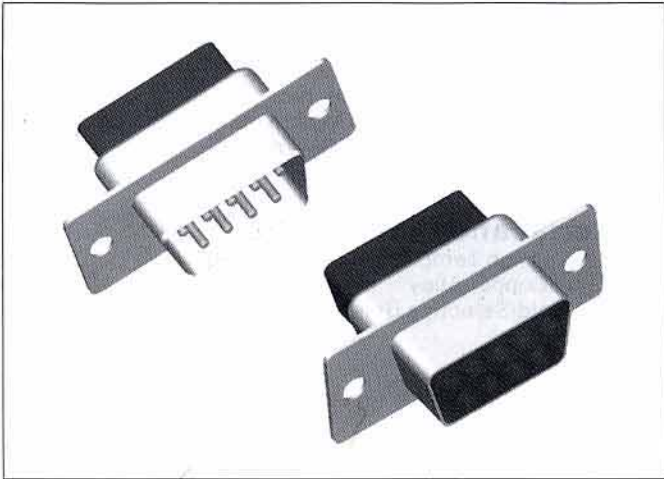
Unit:mm



# D-SUB Standard Male & Female Crimp Housing & Terminal

DB03 Series

## D-SUB

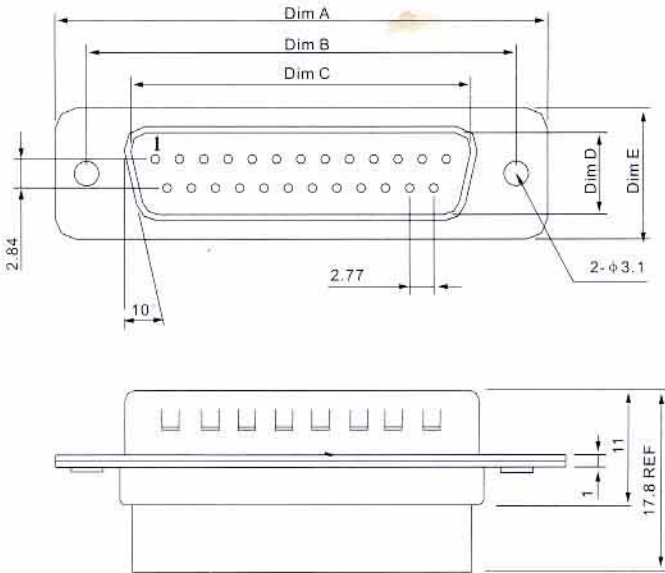


### Specifications:

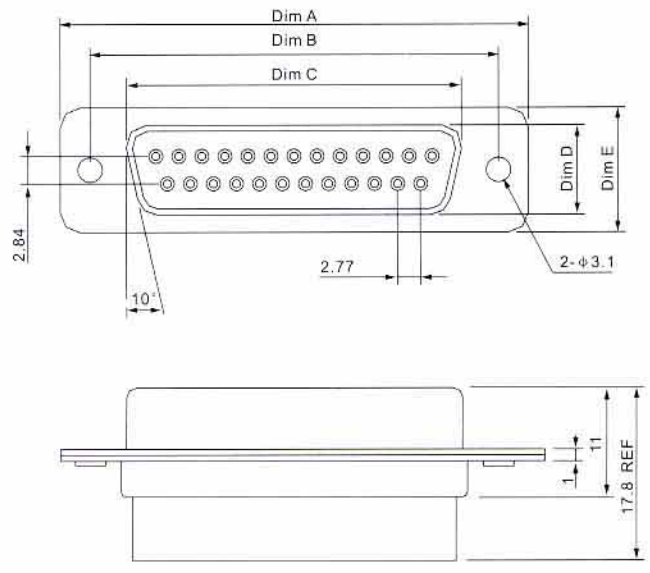
- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -40°C to +85°C

### Material and Plating:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Metal Iron with nickel plated.



P/N: DB03-XXP



P/N: DB03-XXS

### Engineering Dimension

#### DB03-XXP

POSITIONS	A±0.5	B	C	D	E
9	30.81	24.99	16.92	8.38	12.50
15	39.14	33.32	25.25	8.38	12.50
25	53.04	47.04	38.96	8.38	12.50
37	69.32	63.50	55.42	8.38	12.50
50	66.93	61.11	52.81	11.07	15.37

#### DB03-XXS

POSITIONS	A±0.5	B	C	D	E
9	30.81	24.99	16.33	7.90	12.50
15	39.14	33.32	24.66	7.90	12.50
25	53.04	47.04	38.38	7.90	12.50
37	69.32	63.50	54.84	7.90	12.50
50	66.93	61.11	52.43	10.74	15.37

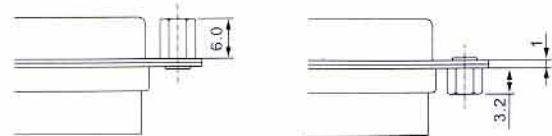
### Ordering Information

DB03-XXP-XX

① ② ③

① No. of Contacts	② P: Male S: Female	③ CS: Rear Rivet CC: Front Rivet
-------------------	------------------------	-------------------------------------

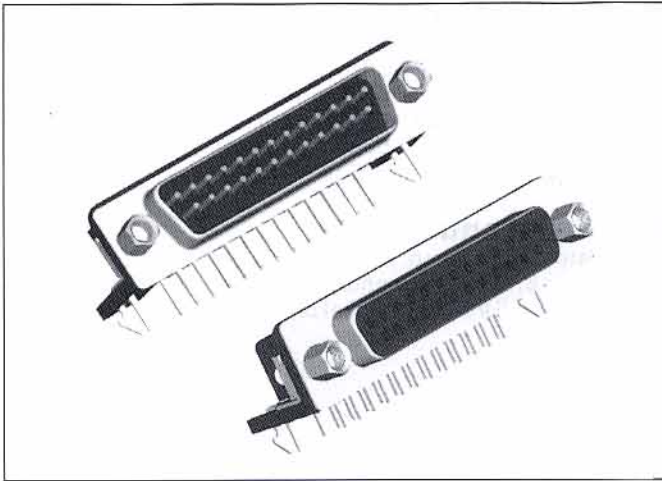
### D-SUB Mounting Style Options



CC Type

CS Type

Unit:mm

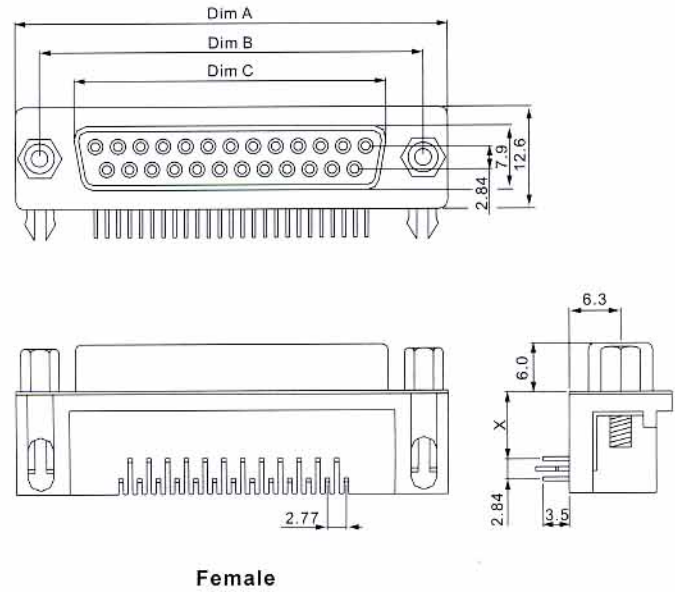
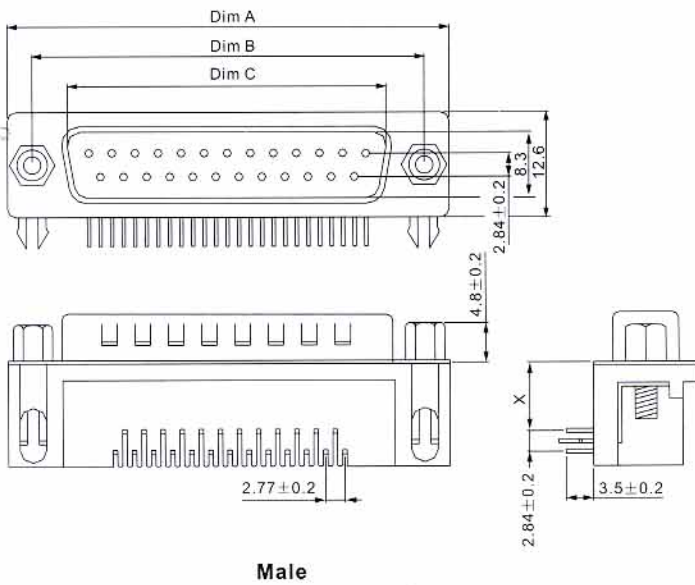


### Specifications:

Current rating : 3.0A AC/DC  
 Voltage rating : 250V AC/DC  
 Contact resistance : 30m ohm max  
 Insulation resistance : 5000 M ohm min  
 Withstanding voltage : 1000V AC/minute  
 Temperature range : -25°C to +125°C

### Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Copper Alloy Nickel undercoated  
 Finish : Gold plated



### Engineering Dimension

#### Male

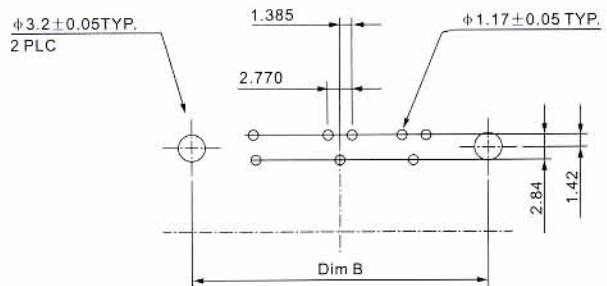
POSITIONS	A±0.5	B	C
9	30.81	24.99	16.92
15	39.14	33.32	25.25
25	53.04	47.04	38.96
37	69.32	63.50	55.42

	X
F1	8.08
F2	9.40

#### Female

POSITIONS	A±0.5	B	C
9	30.81	24.99	16.33
15	39.14	33.32	24.66
25	53.04	47.04	38.38
37	69.32	63.50	54.84

### Recommended PCB Layout



### Ordering Information

**DB04FX -XXP-XX-XX**

①

②

③

④

① F1: 8.08mm Footprint F2: 9.40mm Footprint	② No. of Contacts P: Male / S: Female	③ 01: Board Lock / Hex Screw 02: Rivet W / Board Lock 02A: Rivet W / Board Lock / Hex Screw 02B: Rivet W / Board Lock Attach Hex Screw	④ 01: Gold Flash 03: High Quality Selective gold
--	--	---	---

Unit:mm

# D-SUB Standard Right Angle Machine Pin Male & Female

DB05 Series

**D-SUB**

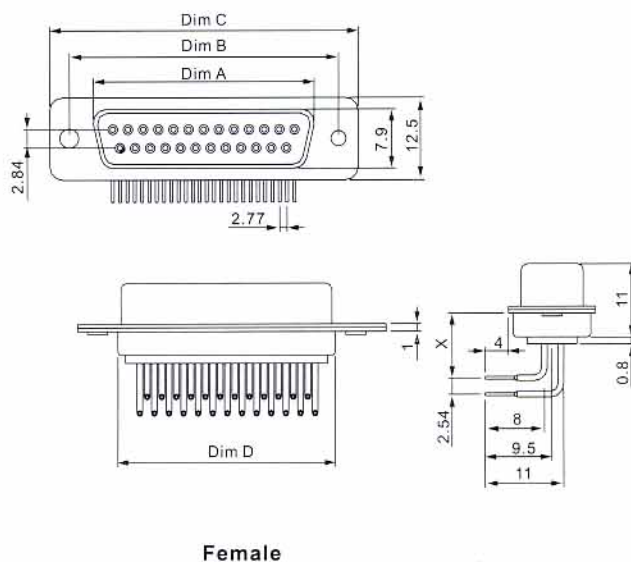
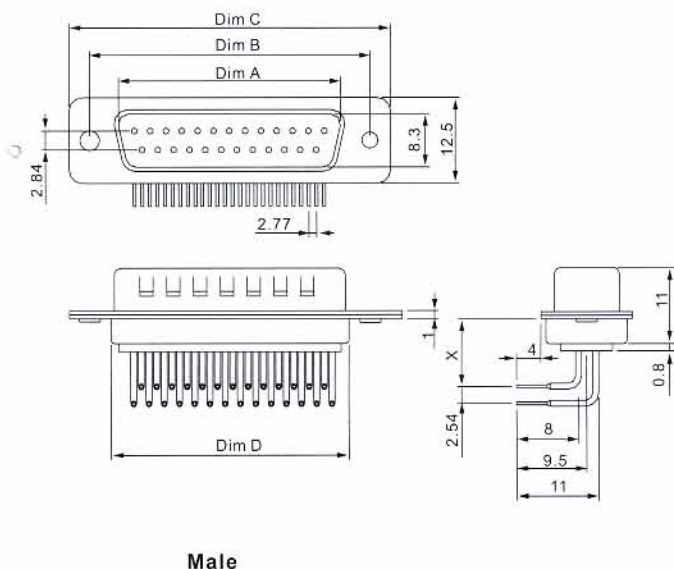


### Specifications:

Current rating : 3.0A AC/DC  
 Voltage rating : 250V AC/DC  
 Contact resistance : 30m ohm max  
 Insulation resistance : 1000 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -55°C to +105°C

### Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Brass or Phosphor Bronze.  
 Finish : Metal Iron with nickel plated.



### Engineering Dimension

#### Male

POSITION	A	B	C	D
9	16.92	24.99	30.81	19.28
15	25.25	33.32	39.14	27.51
25	38.96	47.04	53.04	41.30
37	55.42	63.50	69.32	57.70
50	52.86	61.11	66.90	55.30

#### Female

POSITION	A	B	C	D
9	16.30	24.99	30.81	19.28
15	24.60	33.32	39.14	27.51
25	38.30	47.04	53.04	41.30
37	54.80	63.50	69.32	57.70
50	52.43	61.11	66.90	55.30

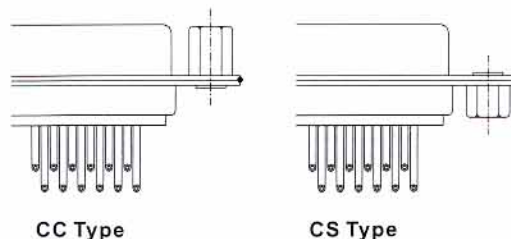
### Ordering Information

**DB05FX—XXP—XX**

①      ②      ③

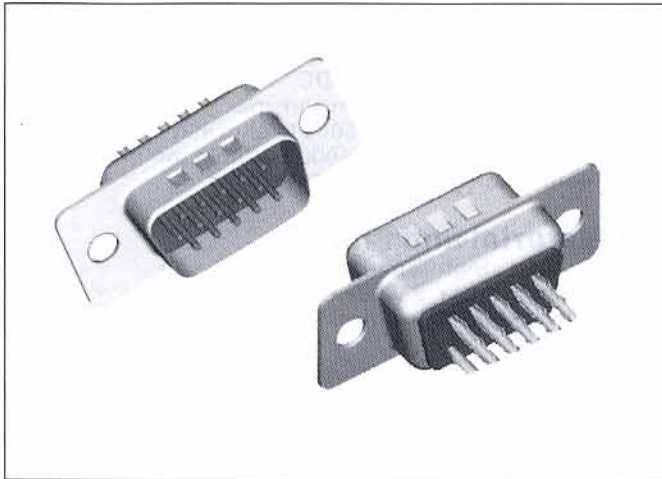
① F1:7.2mm F2:9.4mm	② No. of Contacts P: Machine Pin Male S: Machine Pin Female	③ Blank Standard Type CS:Rear Rivet CC:Front Rivet
------------------------	---	--

### D-SUB Mounting Style Options



Unit:mm



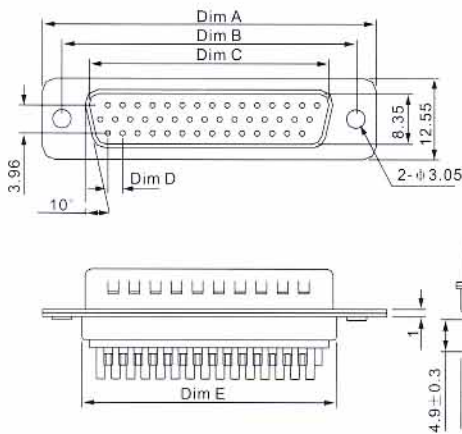


### Specifications:

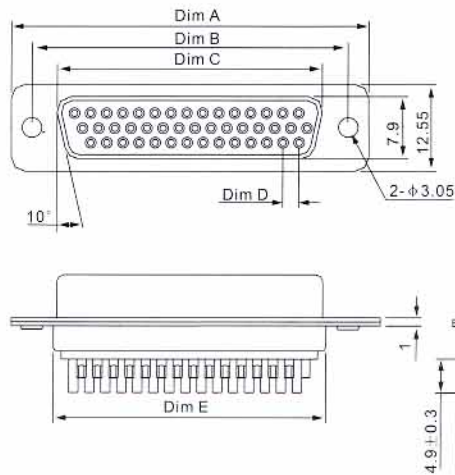
- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 30m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -40°C to +85°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper alloy Nickel undercoated, Selective Gold plated.
- Finish : Metal Iron with nickel plated.



P/N: DB06-XXP



P/N: DB06-XXS

### Engineering Dimension

#### DB06-XXP

POSITION	A	B	C	D	E
15	30.80	24.99	16.90	2.29	19.30
26	39.10	33.32	25.30	2.29	27.50
44	53.00	47.04	39.00	2.29	41.30
62	69.30	63.50	55.40	2.41	57.70
78	66.90	61.11	52.86	2.41	55.30

#### DB06-XXS

POSITION	A	B	C	D	E
15	30.80	24.99	16.30	2.29	19.30
26	39.10	33.32	24.70	2.29	27.50
44	53.00	47.04	38.40	2.29	41.30
62	69.30	63.50	54.80	2.41	57.70
78	66.90	61.11	52.34	2.41	55.30

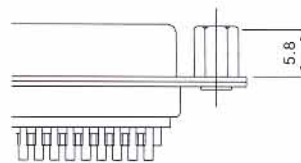
### Ordering Information

DB06 — XXP — XX — XX

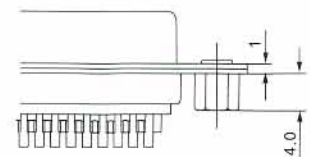
①                      ②                      ③

① No. of Contacts S: Female P: Male	② 01: Gold flash 02: Selective gold	③ Blank Standard Type CS: Rear Rivet CC: Front Rivet
---	--	--

### D-SUB Mounting style options



CC Type



CS Type

Unit:mm

# D-SUB High Density Crimp Housing & Terminal Male & Female

DB07 Series

**D-SUB**

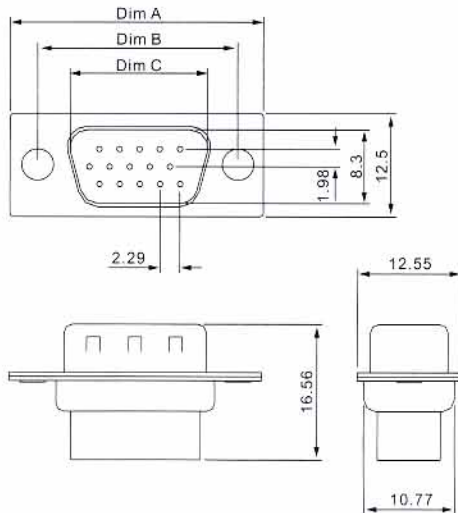


### Specifications:

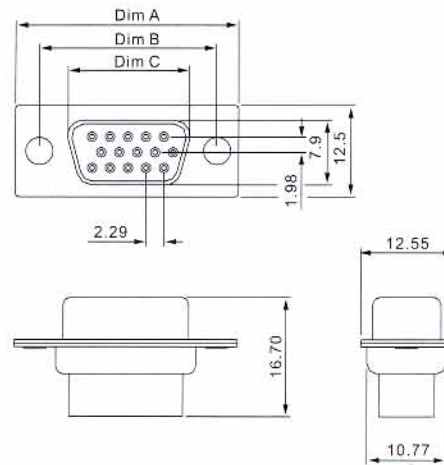
Current rating : 1.5A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -40°C to +105°C

### Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Brass, Selective Gold Plated.  
Finish : Metal Iron with nickel plated.



P/N : DB07-XXP



P/N : DB07-XXS

### Engineering Dimension

#### DB07-XXP

POSITION	A	B	C
15	30.68	24.99	16.84
26	39.01	33.32	25.17
62	69.19	63.47	55.35

#### DB07-XXS

POSITION	A	B	C
15	30.68	24.99	16.31
26	39.01	33.32	24.64
62	69.19	63.47	54.81

### Ordering Information

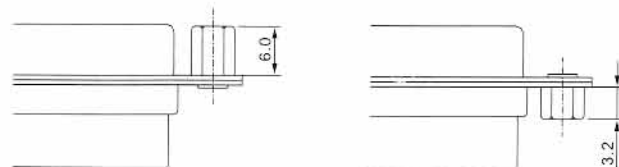
DB07 — XXP — XX

①

②

① No. of Contacts S: Female P: Male	② Blank Standard Type CS: Rear Rivet CC: Front Rivet
---	--

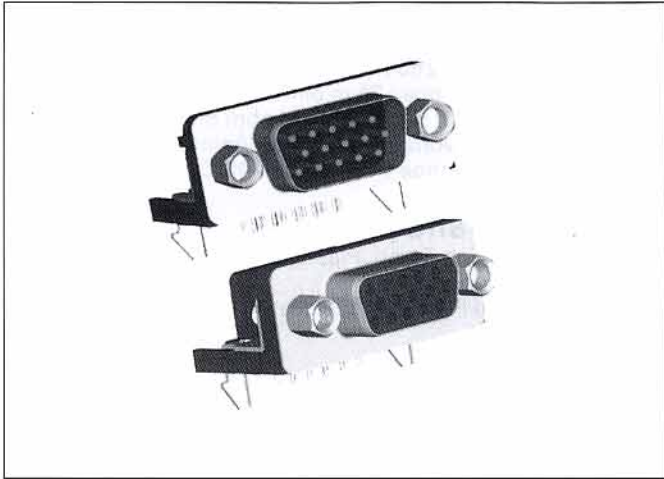
### D-USB Mounting Style Options



CC Type

CS Type

Unit:mm

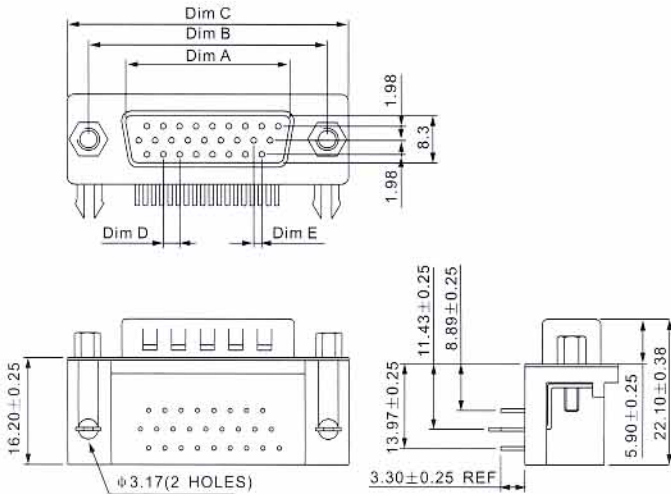


### Specifications:

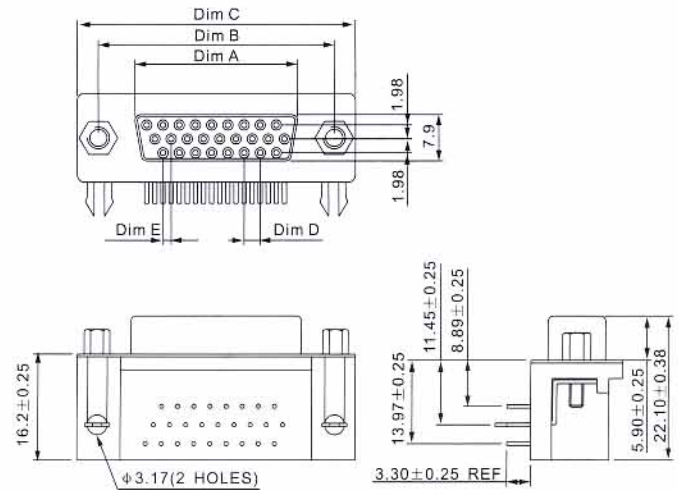
Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 30m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -25°C to +125°C

### Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy.  
Finish : Steel.Tin plated as standard.



P/N : DB08-XXP



P/N : DB08-XXS

### Engineering Dimension

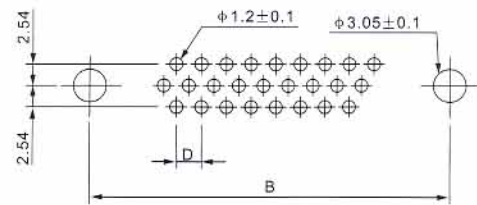
#### Male

POSITION	A	B	C	D	E
15	16.90	25.00	30.80	2.29	1.14
26	25.30	33.30	39.20	2.29	1.14
44	39.00	47.10	53.10	2.29	1.14
62	55.40	63.50	69.40	2.41	1.20

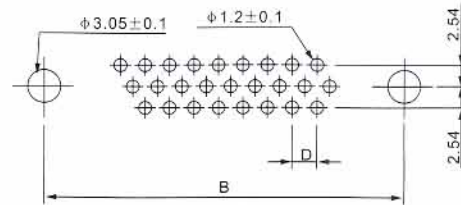
#### Female

POSITION	A	B	C	D	E
15	16.33	25.00	30.80	2.29	1.14
26	24.66	33.30	39.20	2.29	1.14
44	38.38	47.10	53.10	2.29	1.14
62	54.84	63.50	69.40	2.41	1.20

### Recommended PCB Layout



P/N : DB08-XXP



P/N : DB08-XXS

### Ordering Information

DB08 — XXP — XX — XX

①      ②      ③

① No. of Contacts P: Male S: Female	② 01: Board Lock/Hex screw 02: Rivet W/board lock 02A: Rivet W/board lock/hex screw 02B: Rivet W/board lock attach Hex screw	③ 01: Full gold 02: Selective gold 03: High quality selective gold
---	---	--

Unit:mm



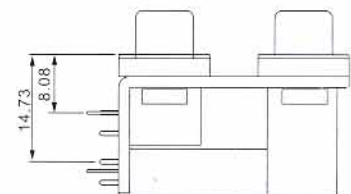
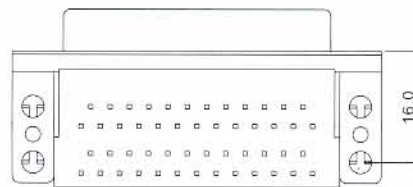
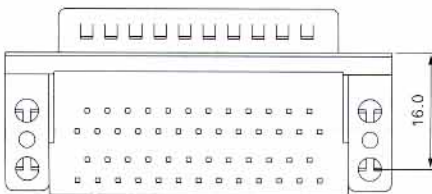
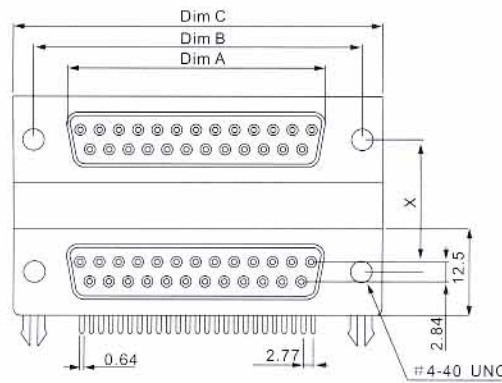
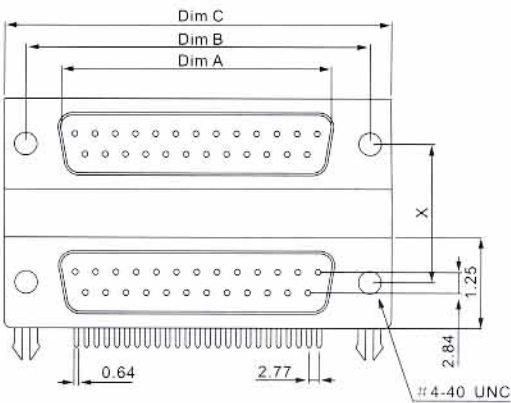


### ■ Specifications:

Current rating : 5.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 25 m ohm max  
Insulation resistance : 5000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -55°C to +105°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Gold Plated, Nickel plated.



P/N : DB09-XXM/XXM-XX-XX

P/N : DB09-XXF/XXF-XX-XX

### ■ Engineering Dimension

Male				DIM X	
POSITIONS	A	B	C±0.5		
9	16.92	24.99	30.81	01	22.86
15	25.25	33.32	39.14	02	19.05
25	38.96	47.04	53.04	03	15.88

Female			
POSITIONS	A	B	C±0.5
9	16.33	24.99	30.81
15	24.66	33.32	39.14
25	38.38	47.04	53.04

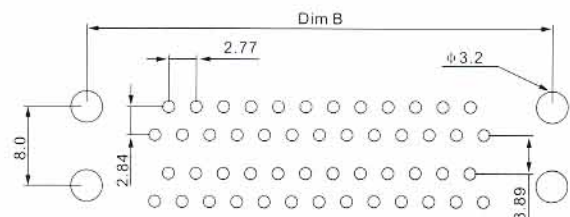
### ■ Ordering Information

**DB09 — XXM/XXM — XX — XX**

①      ②      ③      ④

① UP,M:Male	② Down,M:Male	③ Port spacing (01,02,03)	④ RZ:Board lock/ hex screw RCZ:Rivet W/ board lock
-------------	---------------	---------------------------	---

### ■ Recommended PCB Layout



Unit:mm

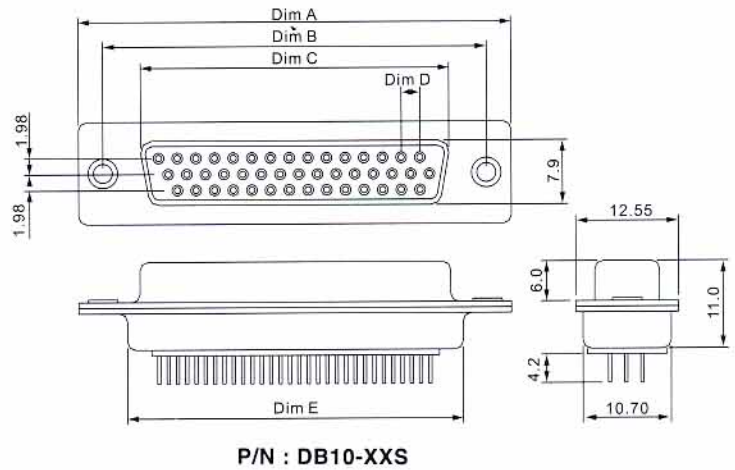
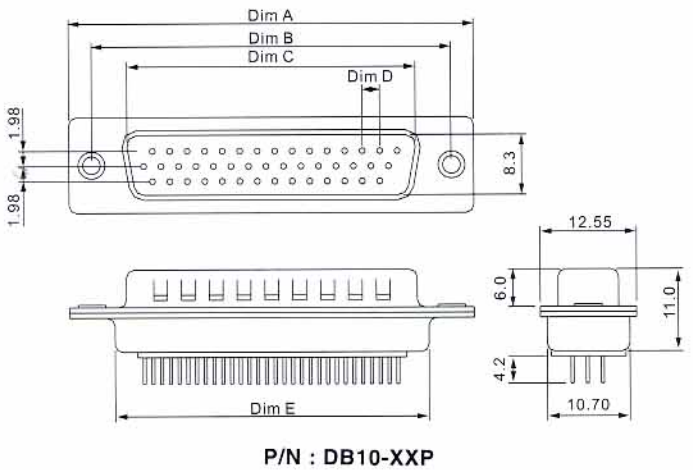


### Specifications:

- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 30 m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -40°C to +85°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy Nickel undercoated Gold Plated
- Finish : Metal Iron With nickel Plated



### Engineering Dimension

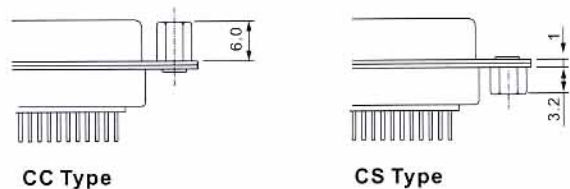
Male

POSITION	A	B	C	D	E
15	30.80	24.99	16.90	2.29	19.30
26	39.10	33.32	25.30	2.29	27.50
44	53.00	47.04	39.00	2.29	41.30
62	69.30	63.50	55.40	2.41	57.70

Female

POSITION	A	B	C	D	E
15	30.80	24.99	16.30	2.29	19.30
26	39.10	33.32	24.70	2.29	27.50
44	53.00	47.04	38.40	2.29	41.30
62	69.30	63.50	54.80	2.41	57.70

### D-SUB Mounting style options

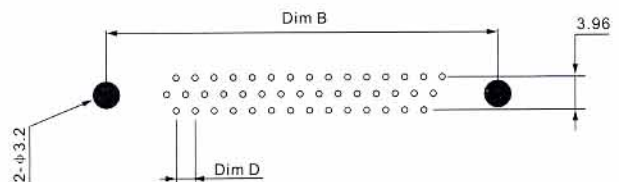


### Ordering Information

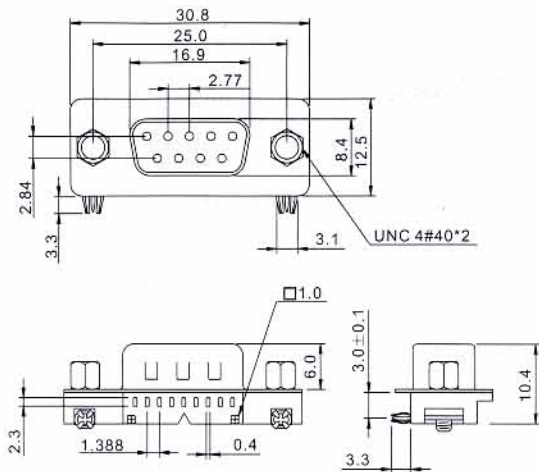
DB10-1XXP-2XX-3XX

<p>① No. Of contacts PA: Male / SA: Female stamp pin P: Male / S: Female Machine pin</p>	<p>② 01: Gold Flash 02: Selective gold</p>
<p>③ Blank standard Type CS: Rear Rivet CC: Front Rivet</p>	

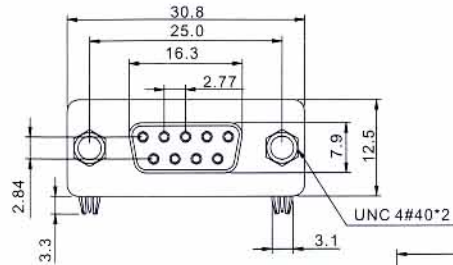
### Recommended PCB Layout



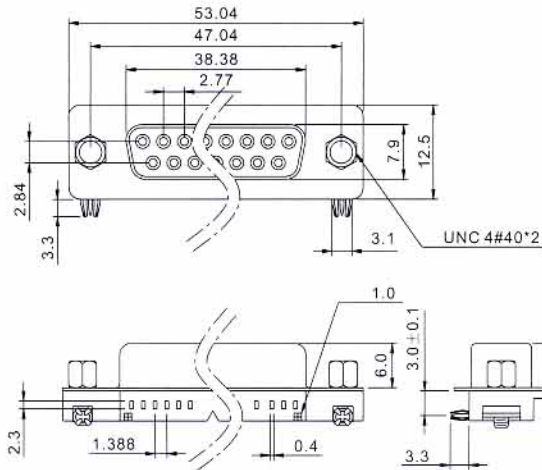
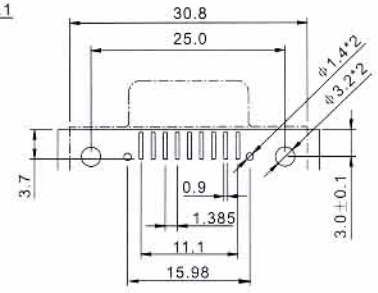
Unit:mm



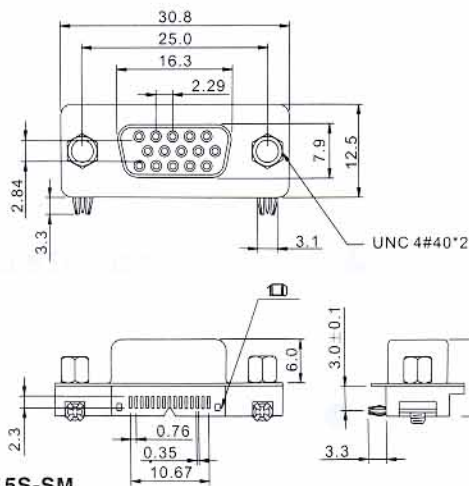
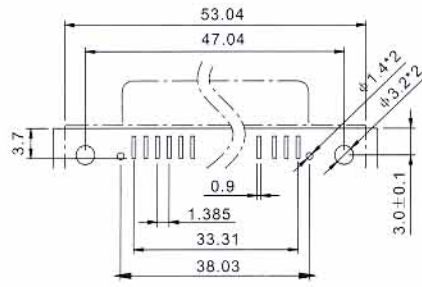
P/N : DB04F3-09P-SM



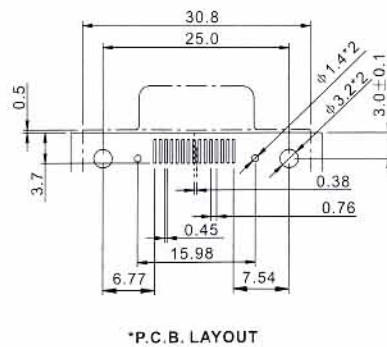
P/N : DB04F3-09S-SM



P/N : DB04F3-25S-SM



P/N : DB10F3-15S-SM



### Ordering Information

**DB04F3-XXP-SM**

① ②

① DB04F3:D-SUB  
DB10F3:HD .D--SUB

② XX:No. Of Positions

Unit:mm



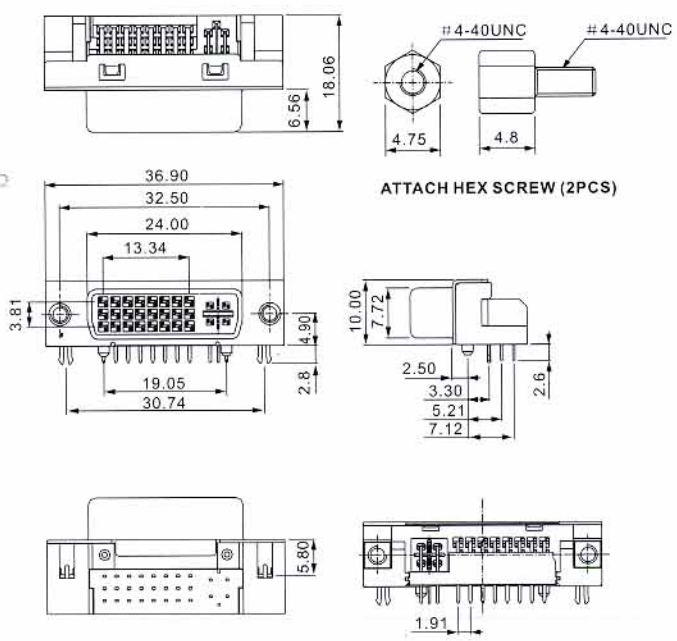


**Specifications:**

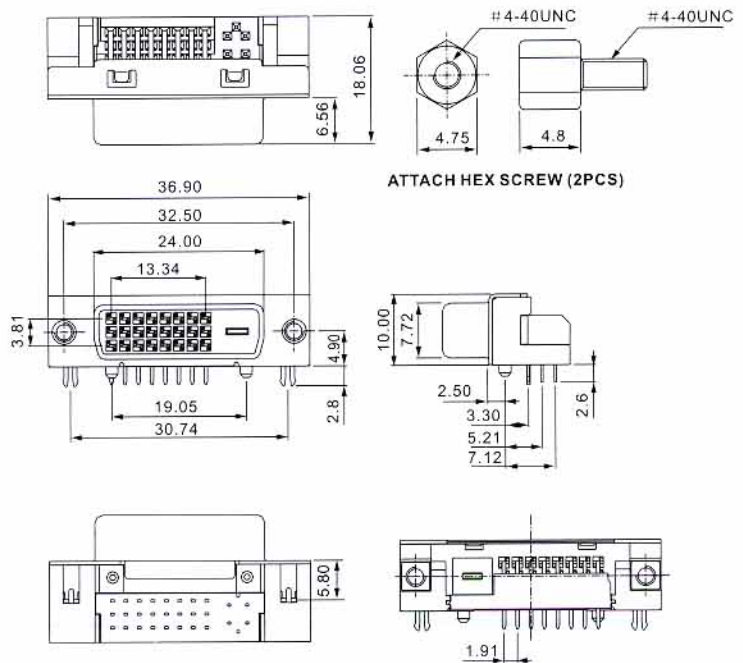
- Current rating : 1.5A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 30 m ohm max
- Insulation resistance : 5000 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -55°C to +105°C

**Material and Finish:**

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor
- Finish : Nickel, Plated with 120u"Thick,  
over 50u"Thickness cu



P/N : DB14R-24-5M15



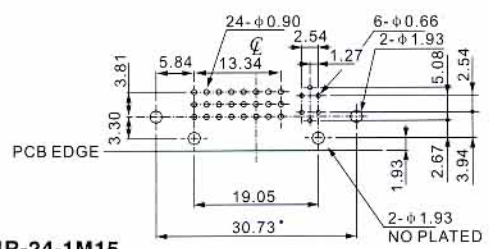
P/N : DB14R-24-1M15

**Ordering Information**

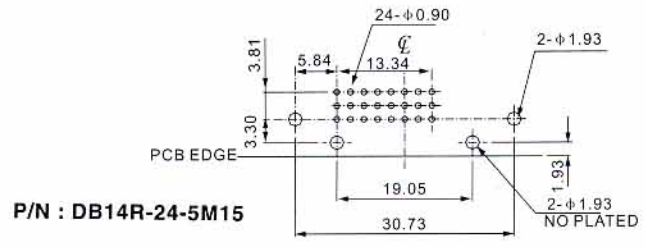
**DB14R-24-XXXX**

- ① 1M15: Digital Type
- 5M15: Analog Type

**Recommended PCB Layout**



P/N : DB14R-24-1M15



P/N : DB14R-24-5M15

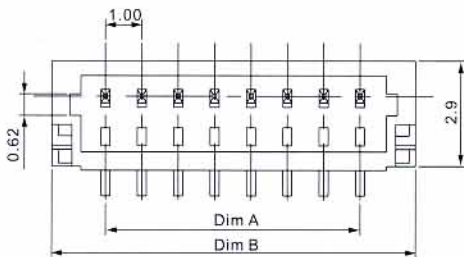
Unit:mm

### Specifications:

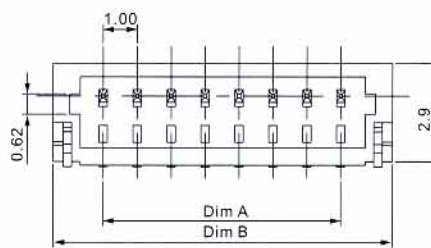
Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 100 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -55°C to +85°C

### Material and Finish:

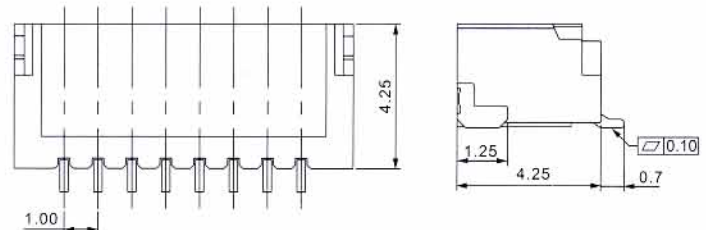
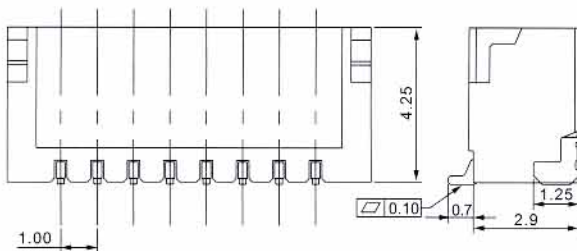
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin plated.



P/N : WB01S-XX-SM



P/N : WB01R-XX-SM



### Engineering Dimension

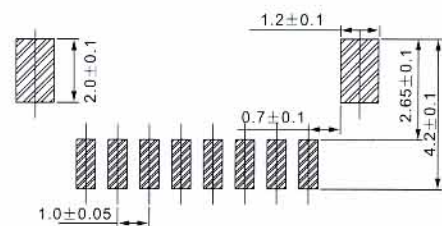
Poles	Dimension mm(in)	
	A	B
2	1.0(0.039)	4.0(0.157)
3	2.0(0.079)	5.0(0.197)
4	3.0(0.118)	6.0(0.236)
5	4.0(0.157)	7.0(0.276)
6	5.0(0.197)	8.0(0.315)
7	6.0(0.236)	9.0(0.354)
8	7.0(0.276)	10.0(0.394)
9	8.0(0.315)	11.0(0.433)
10	9.0(0.354)	12.0(0.472)
11	10.0(0.394)	13.0(0.512)
12	11.0(0.433)	14.0(0.551)
13	12.0(0.472)	15.0(0.591)
14	13.0(0.512)	16.0(0.630)
15	14.0(0.551)	17.0(0.669)
20	19.0(0.748)	22.0(0.866)

### Ordering Information

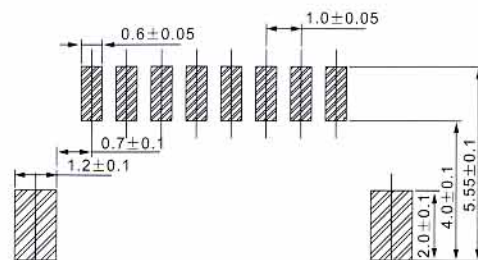
**WB01S-XX-SM**  
①   ②   ③

① S: Straight R: Right Angle	② No. of Contacts	③ SM: SMD Type
---------------------------------	-------------------	----------------

### Recommended PCB Layout

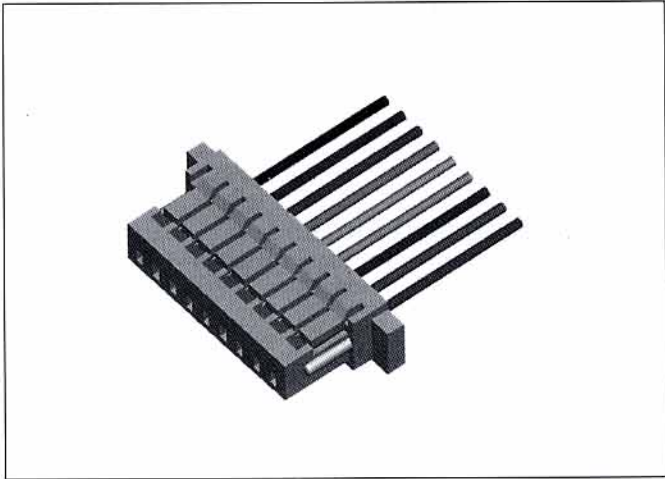


P/N : WB01S-XX-SM



P/N : WB01R-XX-SM

Unit:mm

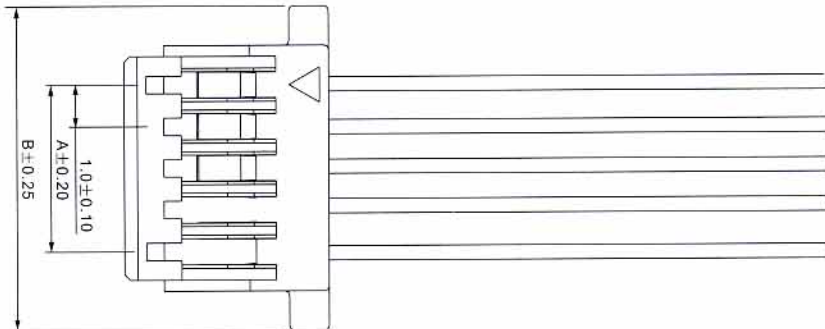
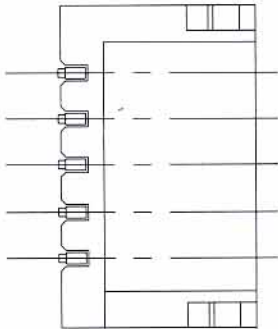


### Specifications:

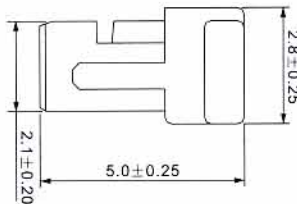
- Current rating : 1.0A AC/DC
- Voltage rating : 50V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 100 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -55°C to +85°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated.



Mating Part No.:  
P/N:WB01S-XX-SM  
P/N:WB01R-XX-SM



### Ordering Information

**WB01H-XX**

①      ②

① H:Housing	② No. of Contacts
-------------	-------------------

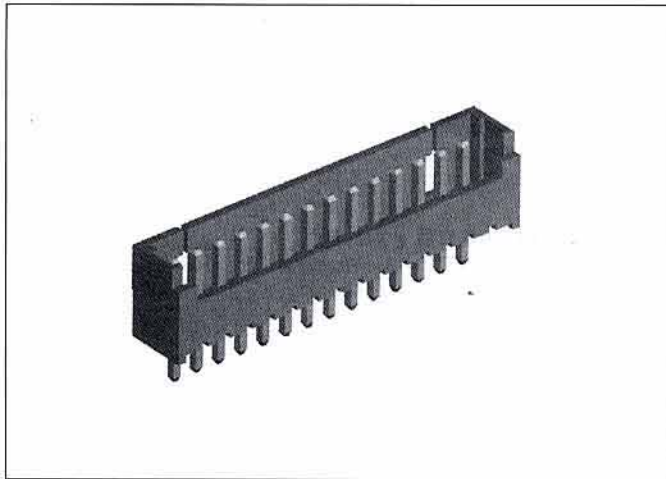
### Engineering Dimension

Poles	Dimension mm(in)	
	A	B
2	1.0	5.0
3	2.0	6.0
4	3.0	7.0
5	4.0	8.0
6	5.0	9.0
7	6.0	10.0
8	7.0	11.0
9	8.0	12.0
10	9.0	13.0
11	10.0	14.0
12	11.0	15.0
13	12.0	16.0
14	13.0	17.0
15	14.0	18.0
20	19.0	23.0

Unit:mm



# Wire to Board

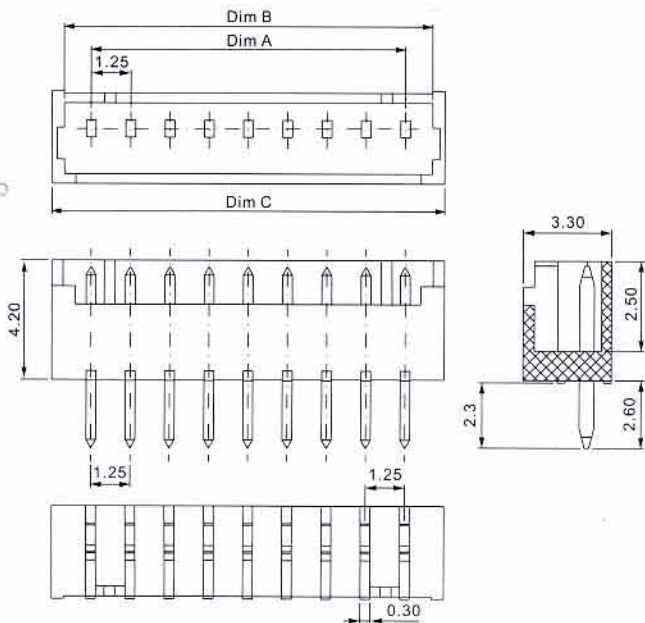


### Specifications:

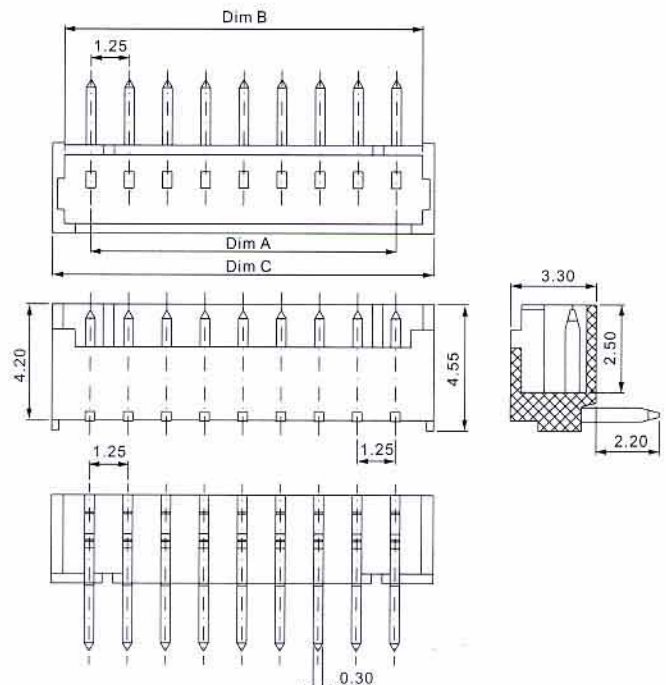
- Current rating : 1.0A AC/DC
- Voltage rating : 125V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -40°C to +85°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor bronze
- Finish : Tin Plated



P/N : WB03SM-XX

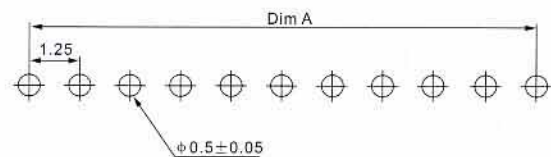


P/N : WB03RM-XX

### Engineering Dimension

CKT	A	B	C
2	1.25	3.15	4.25
3	2.50	4.30	5.50
4	3.75	5.55	6.75
5	5.00	6.80	8.00
6	6.25	8.05	9.25
7	7.50	9.30	10.50
8	8.75	10.55	11.75
9	10.00	11.80	13.00
10	11.25	13.05	14.25
11	12.50	14.30	15.50
12	13.75	15.55	16.75
13	15.00	16.80	18.00
14	16.25	18.05	19.25
15	17.50	19.30	20.50

### Recommended PCB Layout



### Ordering Information

**WB03SM-XX**

①      ②

① SM: Straight Type RM: Right Angle Type	② No. of Contacts 2-15 Ways
---	--------------------------------

Unit:mm

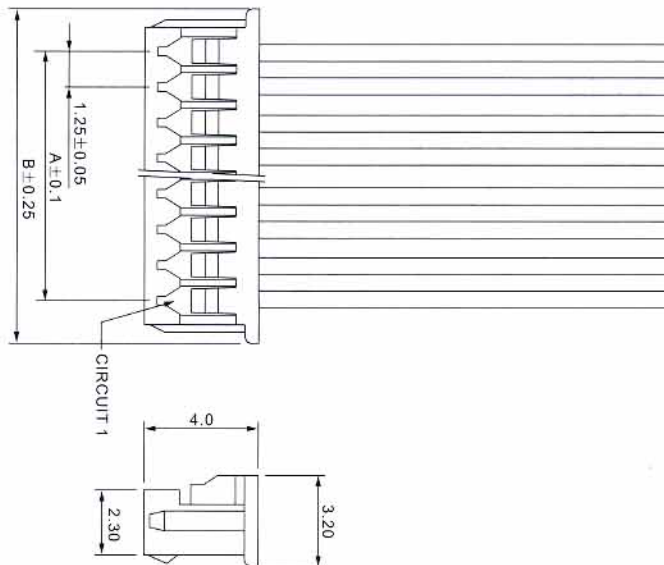
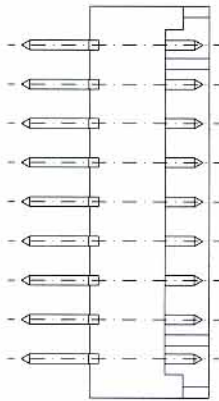


### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated.



Mating Part No.:  
P/N : WB03SM-XX  
P/N : WB03RM-XX  
P/N : WB03S-XX-SM  
P/N : WB03R-XX-SM

### ■ Ordering Information

**WB02HM — XX**

①      ②

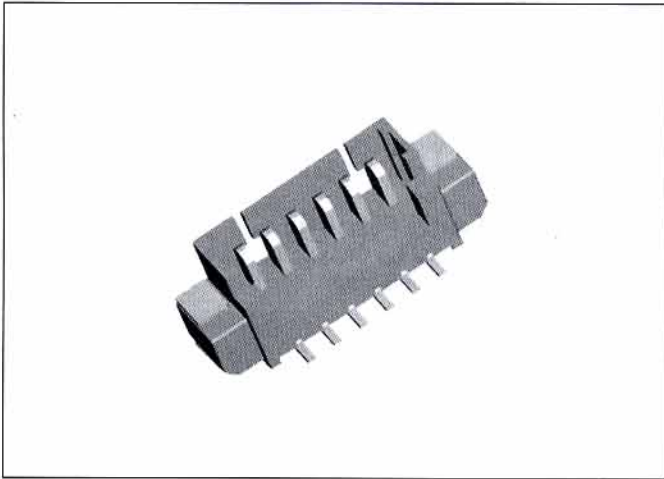
① HM:Housing

② No. of Contacts:  
2-15 Ways

### ■ Engineering Dimension

Circuit	Dim. A	Dim. B
2	1.25	4.25
3	2.50	5.50
4	3.75	6.75
5	5.00	8.00
6	6.25	9.25
7	7.50	10.50
8	8.75	11.75
9	10.00	13.00
10	11.25	14.25
11	12.50	15.50
12	13.75	16.75
13	15.00	18.00
14	16.25	19.25
15	17.50	20.50

Unit:mm

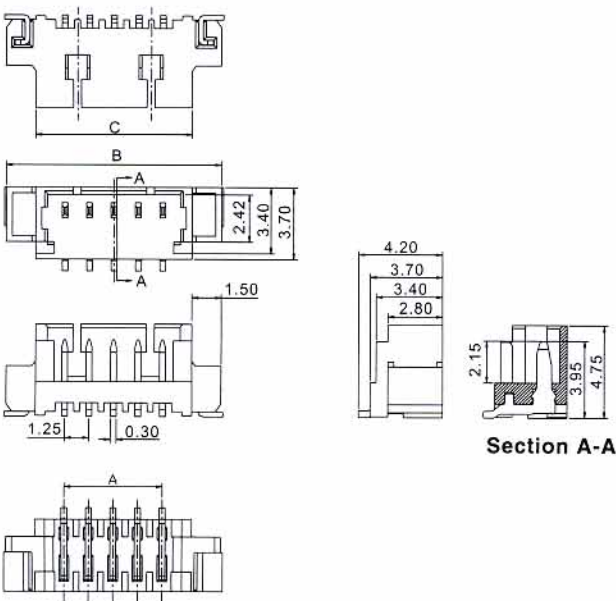


### ■ Specifications:

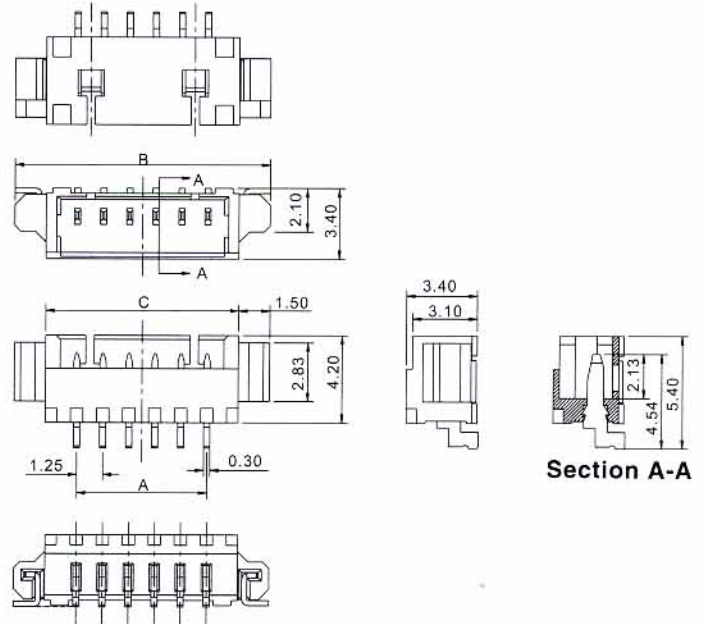
Current rating : 1.0A AC/DC  
 Voltage rating : 125V AC/DC  
 Contact resistance : 20 m ohm max  
 Insulation resistance : 100 M ohm min  
 Withstanding voltage : 250V AC/minute  
 Temperature range : -40°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Copper alloy  
 Finish : Tin Plated



P/N : WB03S-XX-SM1

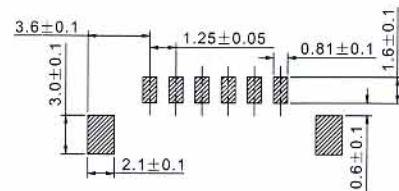


P/N : WB03R-XX-SM1

### ■ Engineering Dimension

PINS	A	B	C	PINS	A	B	C
2P	1.25	7.25	4.25	12P	13.75	19.75	16.75
3P	2.50	8.50	5.50	13P	15.00	21.00	18.00
4P	3.75	9.75	6.75	14P	16.25	22.25	19.25
5P	5.00	11.00	8.00	15P	17.50	23.50	20.50
6P	6.25	12.25	9.25	16P	18.75	24.75	21.75
7P	7.50	13.50	10.50	17P	20.00	26.00	23.00
8P	8.75	14.75	11.75	18P	21.25	27.25	24.25
9P	10.00	16.00	13.00	19P	22.50	28.50	25.50
10P	11.25	17.25	14.25	20P	23.75	29.75	26.75
11P	12.50	18.50	15.50				

### ■ Recommended PCB Layout



P.C.B LAYOUT SURFACE MOUNTING

### ■ Ordering Information

**WB03S** — **XX** — **SM1**

①      ②      ③

① S: Straight R: R/A Type	② No. of Position: 2-20 Ways	③ SM1 Type
------------------------------	---------------------------------	------------

Unit:mm



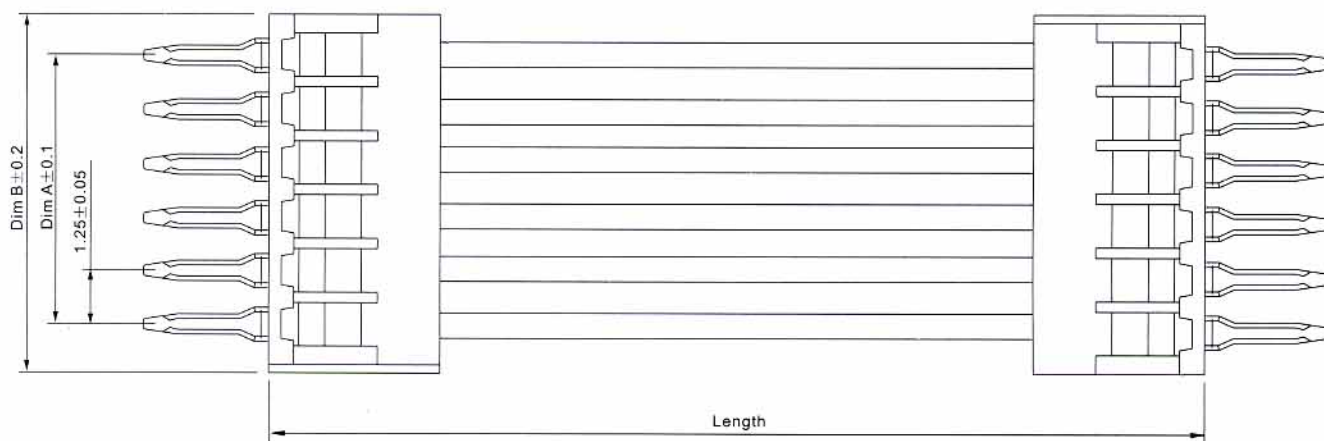
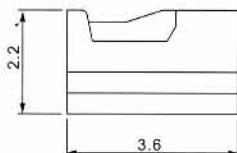


### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 100 M ohm min  
Withstanding voltage : 250V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated.



### ■ Engineering Dimension

POLES	DIM:(mm)		POLES	DIM:(mm)	
	A	B		A	B
2	1.25	3.00	9	10.00	11.75
3	2.50	4.25	10	11.25	13.00
4	3.75	5.50	11	12.50	14.25
5	5.00	6.75	12	13.75	15.50
6	6.25	8.00	13	15.00	16.75
7	7.50	9.25	14	16.25	18.00
8	8.75	10.50	15	17.50	19.25

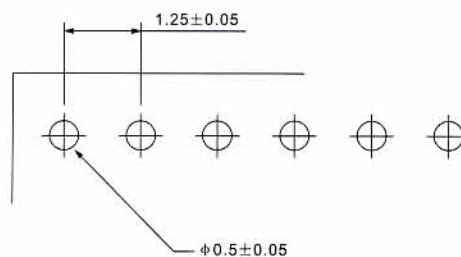
### ■ Ordering Information

**WB04H-XX**

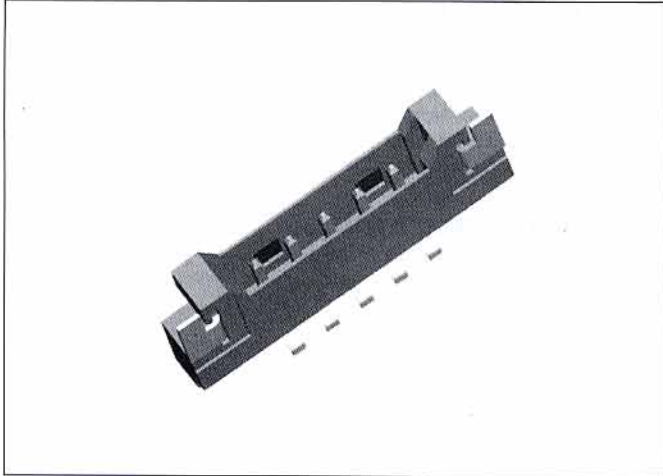
① ②

① H:Housing	② No .of Contacts
-------------	-------------------

### ■ Recommended PCB Layout



Unit:mm

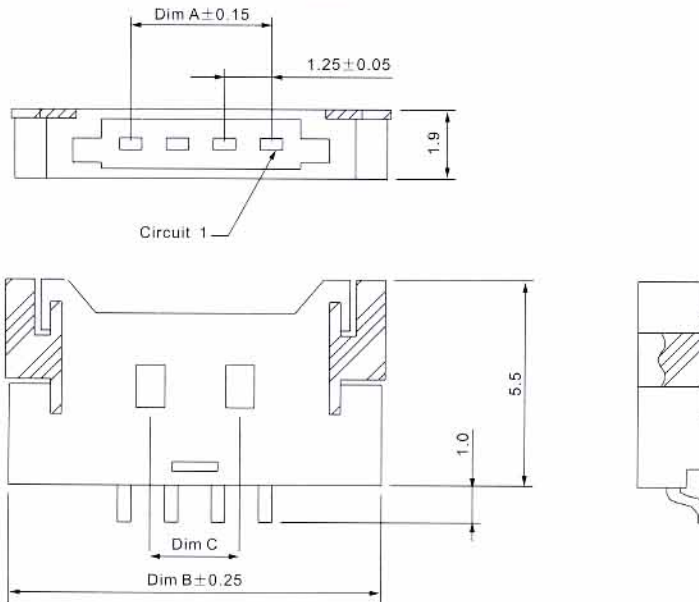


### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 100 M ohm min  
Withstanding voltage : 250V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

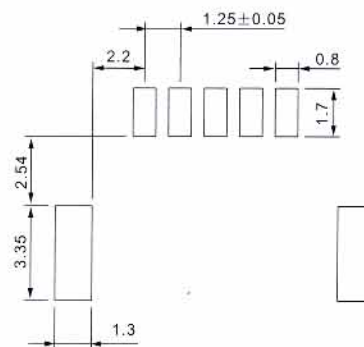
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated



### ■ Engineering Dimension

Poles	DIM:(mm)			Poles	DIM:(mm)		
	A	B	C		A	B	C
2	1.25	7.65		13	15.00	21.40	13.75
3	2.50	8.90		14	16.25	22.65	15.00
4	3.75	10.15	2.50	15	17.50	23.90	16.25
5	5.00	11.40	3.75	16	18.75	25.15	17.50
6	6.25	12.65	5.00	18	21.25	27.65	20.00
7	7.50	13.90	6.25	20	23.75	30.15	22.50
8	8.75	15.15	7.50	22	26.25	32.65	22.50
9	10.00	16.40	8.75	24	28.75	35.15	22.50
10	11.25	17.65	10.00	26	31.25	37.65	22.50
11	12.50	18.90	11.25	28	33.75	40.15	22.50
12	13.75	20.15	12.50	30	36.25	42.65	22.50

### ■ Recommended PCB Layout



### ■ Ordering Information

**WB05R** — **XX** — **SM**  
①    ②    ③

① R:Right Angle	② No .of Contacts	③ SMD Type
-----------------	-------------------	------------

Unit:mm

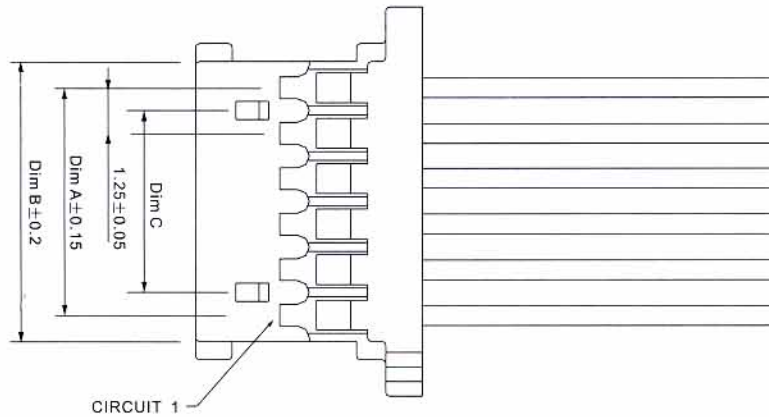
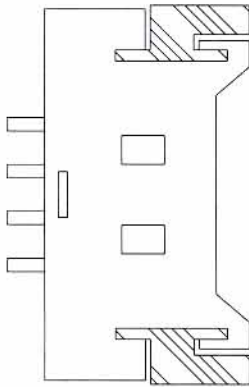


■ **Specifications:**

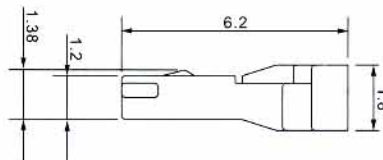
- Current rating : 1.0A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 100 M ohm min
- Withstanding voltage : 250V AC/minute
- Temperature range : -25°C to +85°C

■ **Material and Finish:**

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Gold flash



Mating Part No.:  
P/N : WB05R-XX-SM



■ **Ordering Information**

**WB05H-XX**  
①      ②

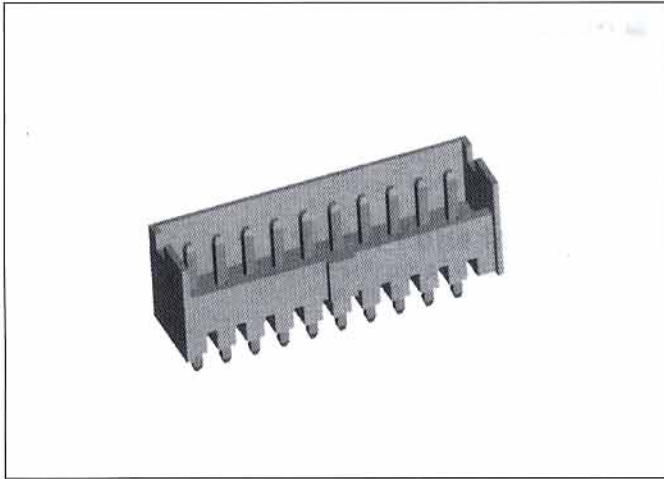
① H:Housing	② No. of Contacts
-------------	-------------------

■ **Engineering Dimension**

Poles	DIM:(mm)			Poles	DIM:(mm)		
	A	B	C		A	B	C
2	1.25	2.70		13	15.00	16.45	13.75
3	2.50	3.95		14	16.25	17.70	15.00
4	3.75	5.20	2.50	15	17.50	18.95	16.25
5	5.00	6.45	3.75	16	18.75	20.20	17.50
6	6.25	7.70	5.00	18	21.25	22.70	20.00
7	7.50	8.95	6.25	20	23.75	25.20	22.50
8	8.75	10.20	7.50	22	26.25	27.70	22.50
9	10.00	11.45	8.75	24	28.75	30.20	22.50
10	11.25	12.70	10.00	26	31.25	32.70	22.50
11	12.50	13.95	11.25	28	33.75	35.20	22.50
12	13.75	15.20	12.50	30	36.25	37.70	22.50

Unit:mm



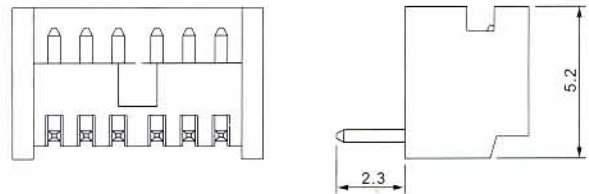
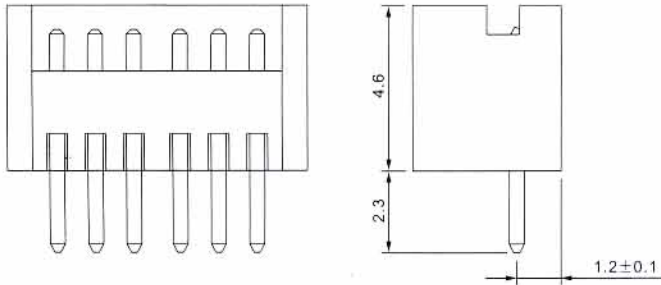
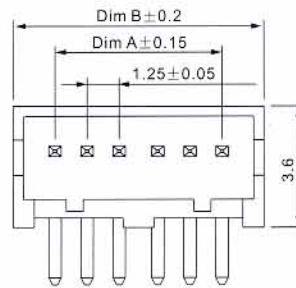
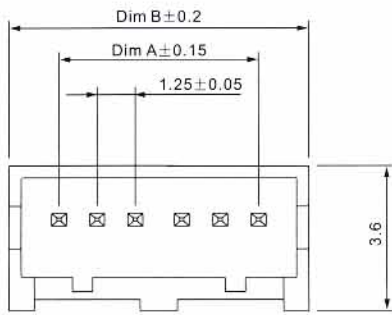


### Specifications:

- Current rating : 1.0A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +85°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper alloy
- Finish : Tin Plated



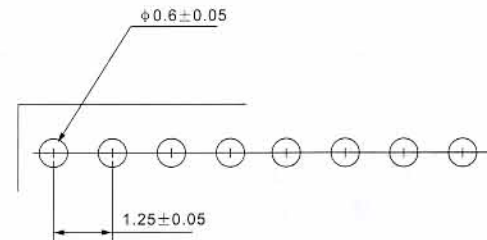
P/N : WB06SA-XX

P/N : WB06RA-XX

### Engineering Dimension

Poles	DIM:(mm)		Poles	DIM:(mm)	
	A	B		A	B
2	1.25	3.75	11	12.50	15.00
3	2.50	5.00	12	13.75	16.25
4	3.75	6.25	13	15.00	17.50
5	5.00	7.50	14	16.25	18.75
6	6.25	8.75	15	17.50	20.00
7	7.50	10.00	20	23.75	26.35
8	8.75	11.25	25	30.00	32.60
9	10.00	12.50	30	36.25	38.85
10	11.25	13.75			

### Recommended PCB Layout



### Ordering Information

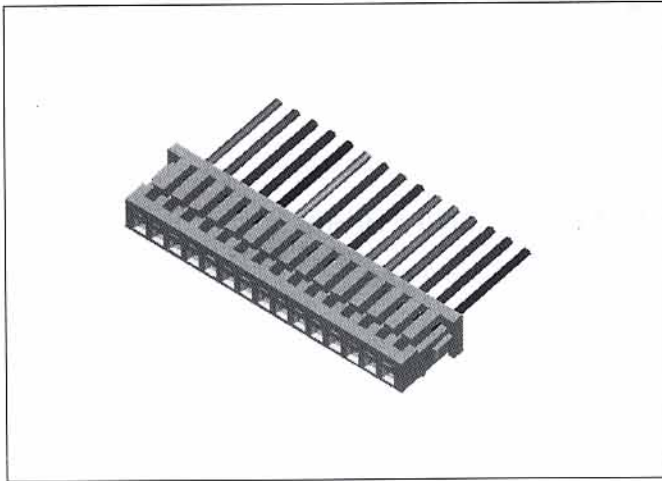
**WB06SA-XX**

①      ②

① SA: Straight  
RA: Right Angle

② No. of Contacts

Unit:mm



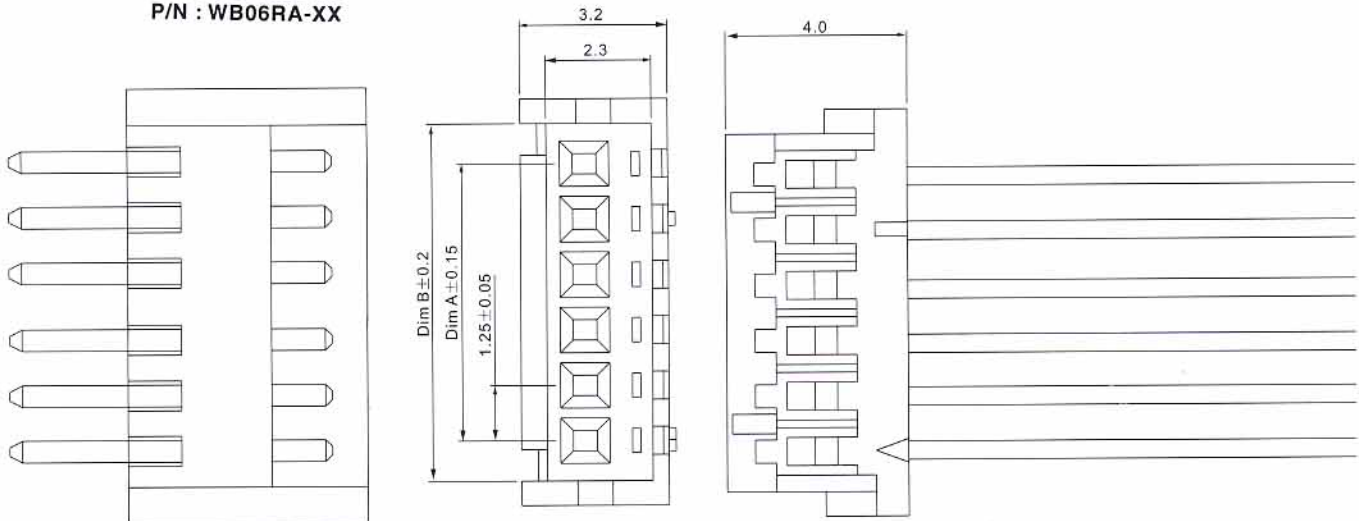
### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated

Mating Part No.:  
P/N : WB06SA-XX  
P/N : WB06RA-XX



### ■ Ordering Information

**WB06HA—XX**

①      ②

① HA:Housing Single Row	② No. of Contacts
-------------------------	-------------------

### ■ Engineering Dimension

POLES	DIM:(mm)		POLES	DIM:(mm)	
	A	B		A	B
2	1.25	3.05	11	12.50	14.30
3	2.50	4.30	12	13.75	15.55
4	3.75	5.55	13	15.00	16.80
5	5.00	6.80	14	16.25	18.05
6	6.25	8.05	15	17.50	19.30
7	7.50	9.30	20	23.75	25.75
8	8.75	10.55	25	30.00	32.00
9	10.00	11.80	30	36.25	38.25
10	11.25	13.05			

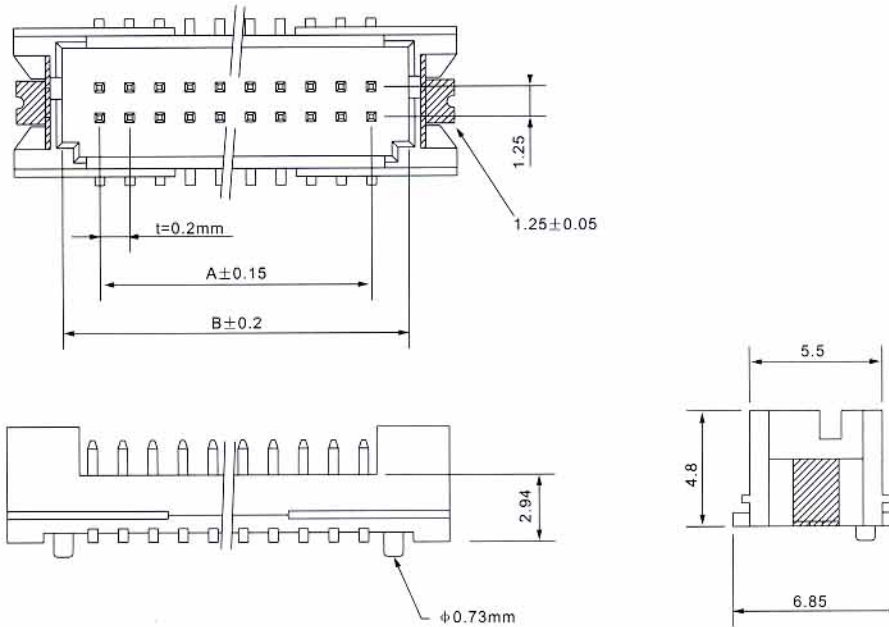
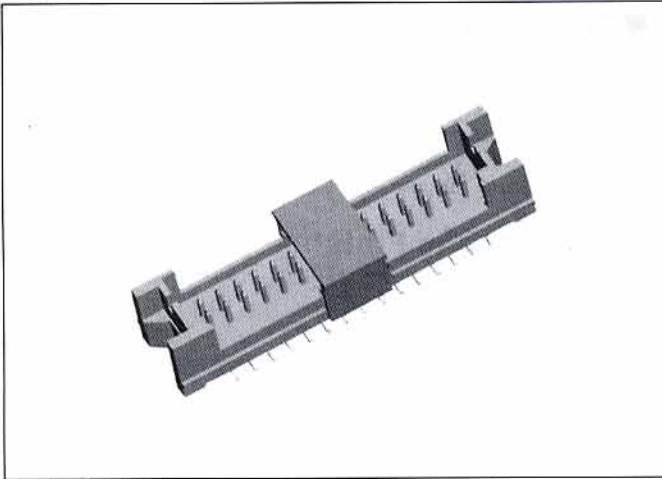
Unit:mm

■ **Specifications:**

Current rating : 1.0A AC/DC  
Voltage rating : 150V AC/DC  
Contact resistance : 30 m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -30°C to +85°C

■ **Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated



■ **Engineering Dimension**

Dimensional and Order Information

Poles	Part No	DIM:(mm)	
		A	B
10	WB06SMB-10	5.00	8.09
20	WB06SMB-20	11.25	14.34
30	WB06SMB-30	17.50	20.59
40	WB06SMB-40	23.75	26.84

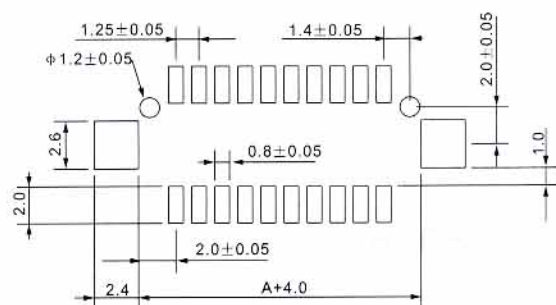
■ **Ordering Information**

**WB06SMB-XX**

①      ②

① SMB: Straight SMD Type	② No. of Contacts: 10, 20, 30, 40
--------------------------	--------------------------------------

■ **Recommended PCB Layout**



Unit:mm





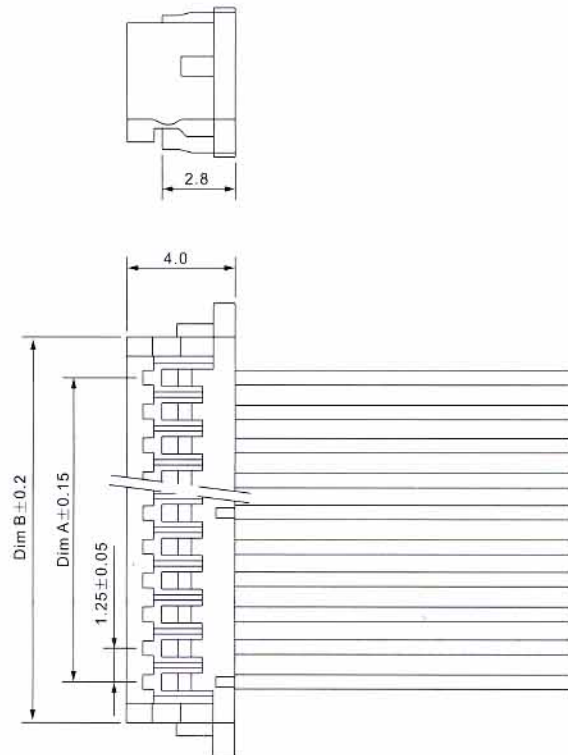
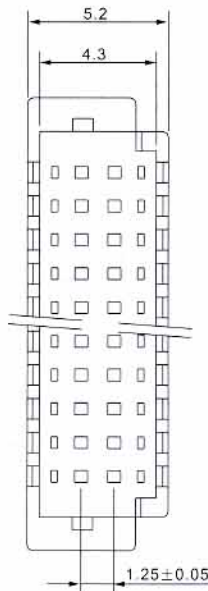
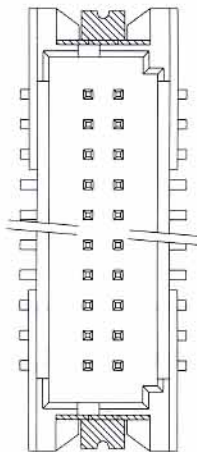
### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated

Mating Part No.:  
P/N : WB06SMB-XX



### ■ Ordering Information

**WB06HB — XX**

① ②

① HB:Housing Double Rows

② No. of Contacts:  
10, 20, 30, 40

### ■ Engineering Dimension

Poles	Part No	DIM:(mm)	
		A	B
10	WB06HB-10	5.00	8.01
20	WB06HB-20	11.25	14.26
30	WB06HB-30	17.50	20.51
40	WB06HB-40	23.75	26.76

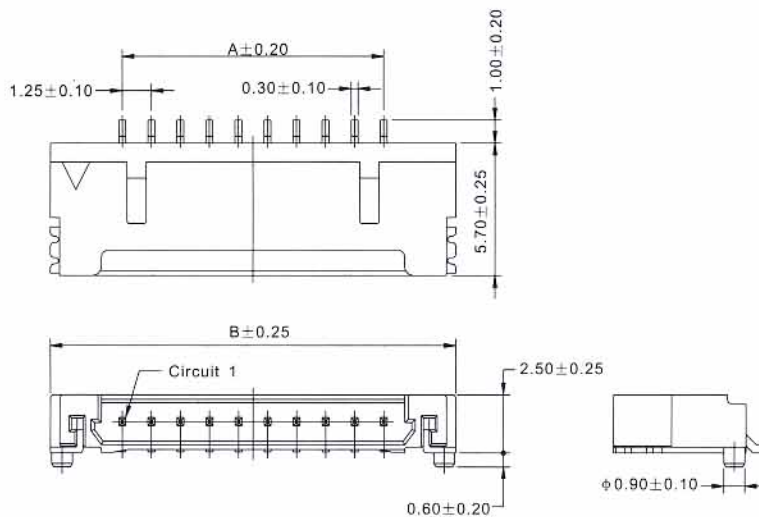
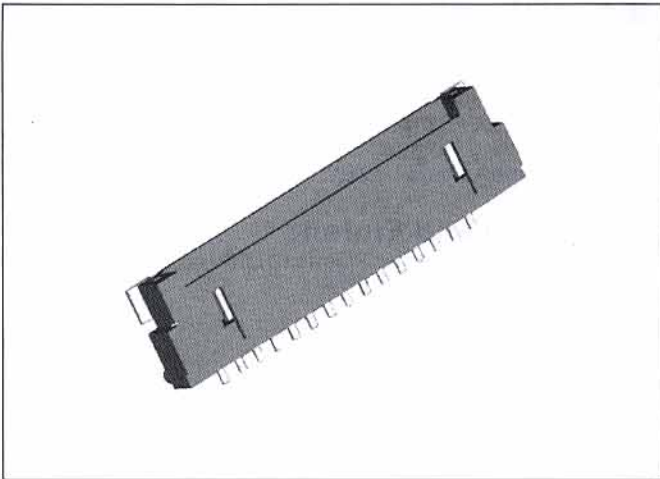
Unit:mm

### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

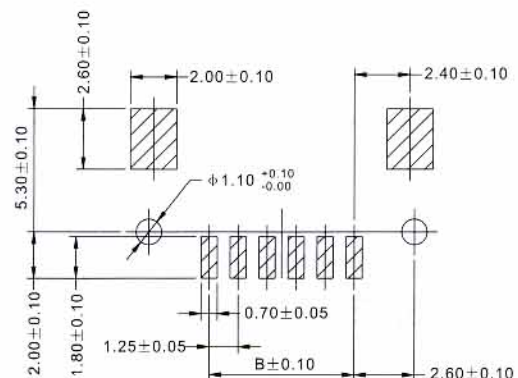
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated



### ■ Engineering Dimension

CIRCUITS	PART Number	DIMENSION	
		A	B
2	WB07R-02-SM	1.25	7.45
3	WB07R-03-SM	2.50	8.70
4	WB07R-04-SM	3.75	9.95
5	WB07R-05-SM	5.00	11.20
6	WB07R-06-SM	6.25	12.45
7	WB07R-07-SM	7.50	13.70
8	WB07R-08-SM	8.75	14.95
9	WB07R-09-SM	10.00	16.20
10	WB07R-10-SM	11.25	17.45
11	WB07R-11-SM	12.50	18.70
12	WB07R-12-SM	13.75	19.95
13	WB07R-13-SM	15.00	21.20
14	WB07R-14-SM	16.25	22.45
15	WB07R-15-SM	17.50	23.70
20	WB07R-20-SM	23.75	29.95
25	WB07R-25-SM	30.00	36.20
30	WB07R-30-SM	36.25	42.45

### ■ Recommended PCB Layout



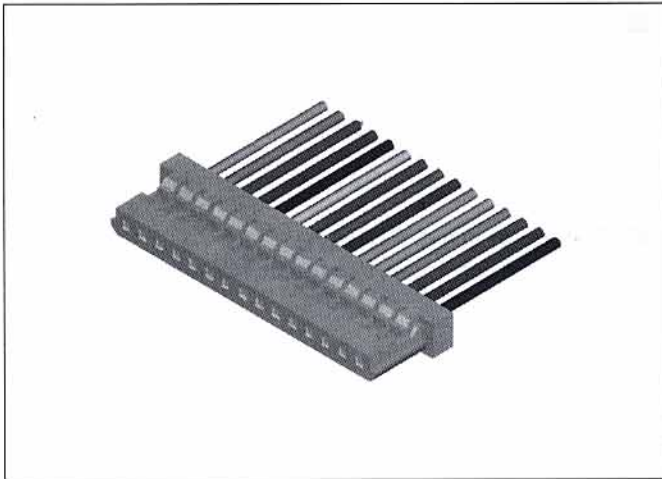
### ■ Ordering Information

**WB07R-XX-SM**

①      ②      ③

① R: Right Angle	② No. of Contacts	③ SMD Type
------------------	-------------------	------------

Unit:mm



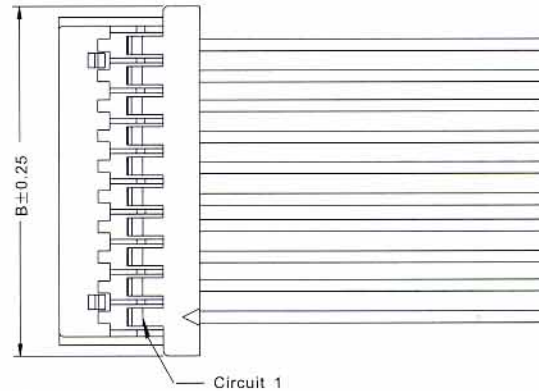
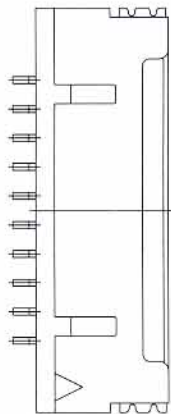
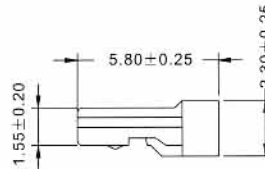
**Specifications:**

Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°C to +85°C

**Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated

Mating Part No.:  
P/N : WB07R-XX-SM



**Ordering Information**

**WB07H-XX**

① ②

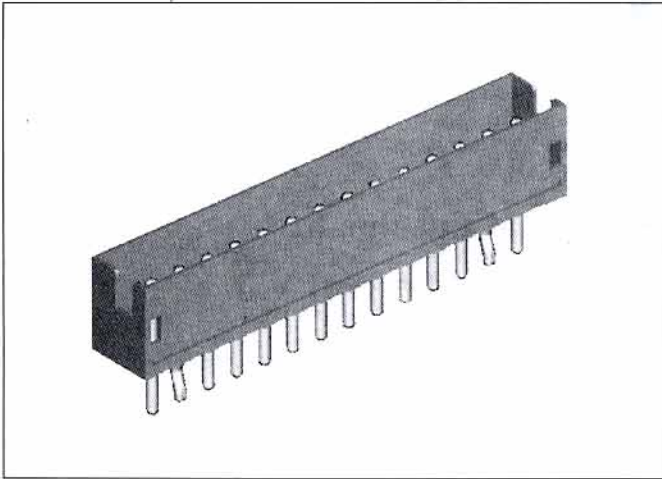
① H:Housing	② No. of Contacts
-------------	-------------------

**Engineering Dimension**

CIRCUITS	PART Number	DIMENSION	
		A	B
2	WB07H-02	1.25	4.45
3	WB07H-03	2.50	5.70
4	WB07H-04	3.75	6.95
5	WB07H-05	5.00	8.20
6	WB07H-06	6.25	9.45
7	WB07H-07	7.50	10.70
8	WB07H-08	8.75	11.95
9	WB07H-09	10.00	13.20
10	WB07H-10	11.25	14.45
11	WB07H-11	12.50	15.70
12	WB07H-12	13.75	16.95
13	WB07H-13	15.00	18.20
14	WB07H-14	16.25	19.45
15	WB07H-15	17.50	20.70
20	WB07H-20	23.75	26.95
25	WB07H-25	30.00	33.20
30	WB07H-30	36.25	39.45

Unit:mm



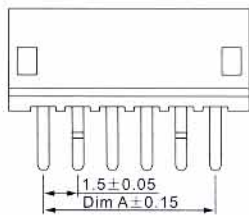
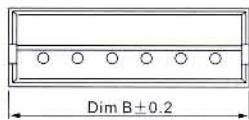


**Specifications:**

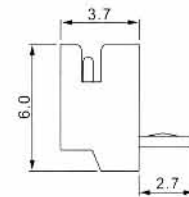
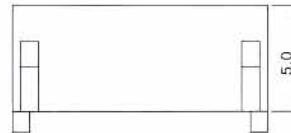
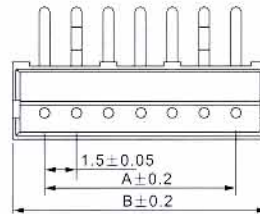
Current rating : 1.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°C to +85°C

**Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated



P/N : WB08S-XX

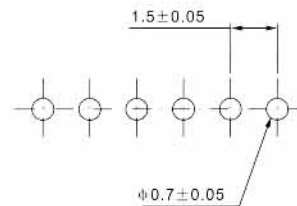


P/N : WB08R-XX

**Engineering Dimension**

Circuits	Dim. A	Dim. B
2	1.50	4.50
3	3.00	6.00
4	4.50	7.50
5	6.00	9.00
6	7.50	10.50
7	9.00	12.00
8	10.50	13.50
9	12.00	15.00
10	13.50	16.50
11	15.00	18.00
12	16.50	19.50
13	18.00	21.00

**Recommended PCB Layout**



**Ordering Information**

**WB08S—XX**

①      ②

① S: Straight  
R: Right Angle

② No. of Contacts

Unit:mm



Eltron Interconnection  
System Pte Ltd

# 1.5mm Wire Harness Assembly

UL Certification E224689

WB08 Series

## Wire to Board

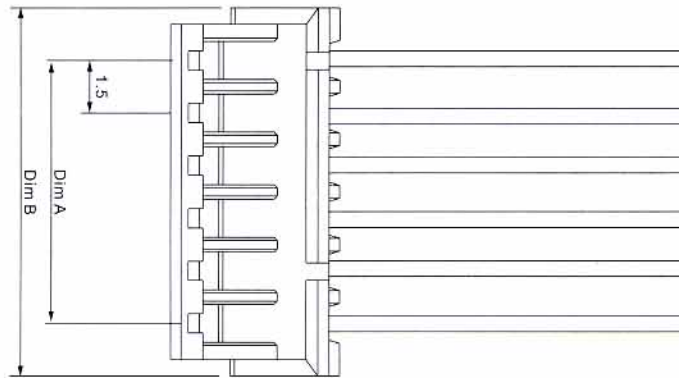
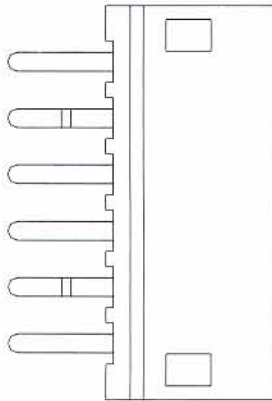


### ■ Specifications:

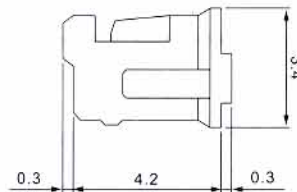
- Current rating : 1.0A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 500V AC/minute
- Temperature range : -25°C to +85°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated



Mating Part No.:  
P/N WB08S-XX  
P/N : WB08R-XX



### ■ Ordering Information

**WB08H-XX**

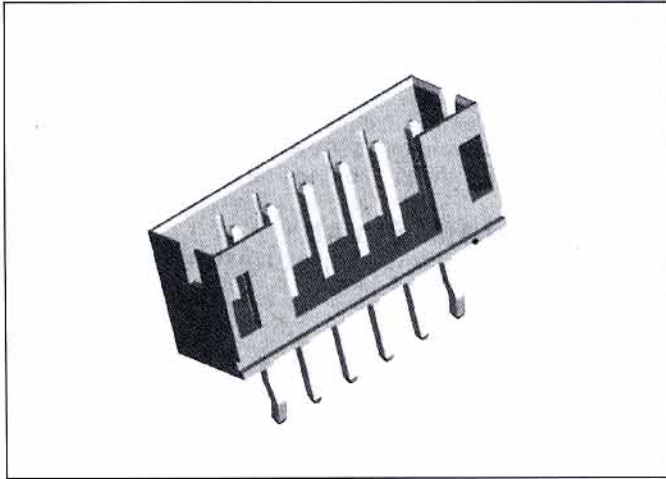
①      ②

① H: Housing	② No. of Contacts
--------------	-------------------

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	1.50	4.50
3	3.00	6.00
4	4.50	7.50
5	6.00	9.00
6	7.50	10.50
7	9.00	12.00
8	10.50	13.50
9	12.00	15.00
10	13.50	16.50
11	15.00	18.00
12	16.50	19.50
13	18.00	21.00

Unit:mm

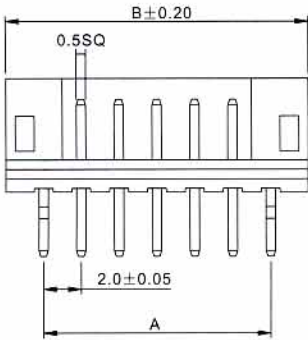


**Specifications:**

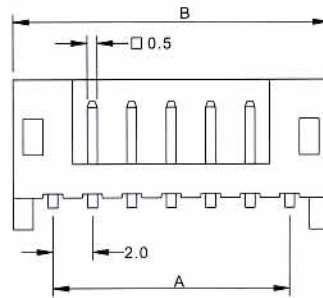
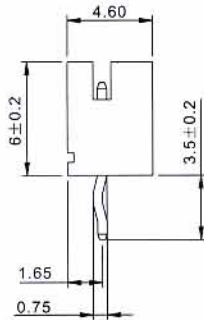
- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 800V AC/minute
- Temperature range : -25°C to +125°C

**Material and Finish:**

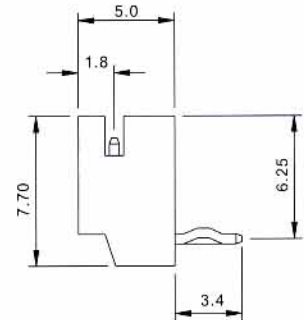
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Tin Plated



P/N : WBW02SJ-XX



P/N : WBW02RJ-XX

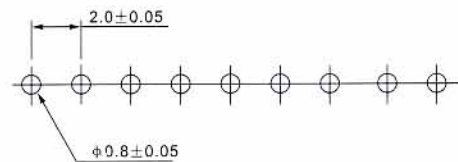


**Engineering Dimension**

Contact	DIM. A	DIM. B
2	2.00	6.00
3	4.00	8.00
4	6.00	10.00
5	8.00	12.00
6	10.00	14.00
7	12.00	16.00
8	14.00	18.00
9	16.00	20.00
10	18.00	22.00
11	20.00	24.00
12	22.00	26.00
13	24.00	28.00
14	26.00	30.00
15	28.00	32.00
16	30.00	34.00
17	32.00	36.00
18	34.00	38.00
19	36.00	40.00
20	38.00	42.00

CIRCUITS	DIM. A	DIM. B
2	2.00	6.00
3	4.00	8.00
4	6.00	10.00
5	8.00	12.00
6	10.00	14.00
7	12.00	16.00
8	14.00	18.00
9	16.00	20.00
10	18.00	22.00
11	20.00	24.00
12	22.00	26.00
13	24.00	28.00
14	26.00	30.00
15	28.00	32.00
16	30.00	34.00

**Recommended PCB Layout**



**Ordering Information**

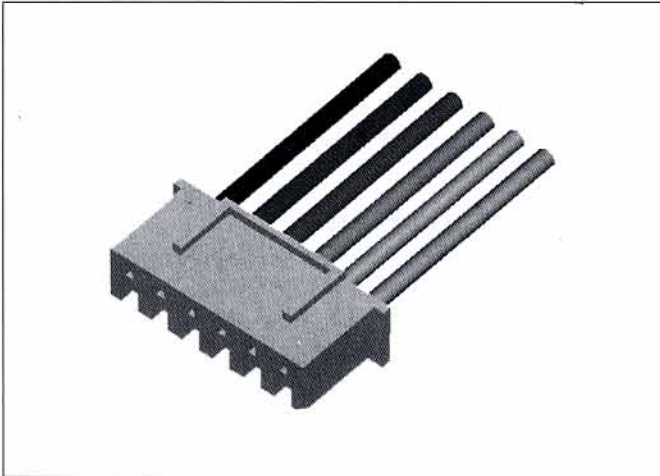
**WBW02SJ-XX**

① ②

① SJ: Straight RJ: Right Angle	② No. of contacts
-----------------------------------	-------------------

Unit:mm





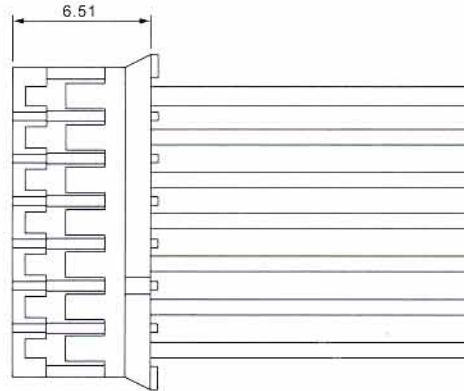
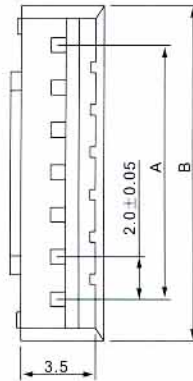
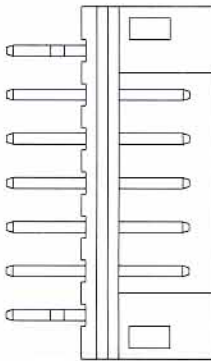
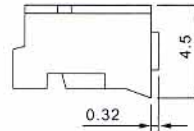
### ■ Specifications:

- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 800V AC/minute
- Temperature range : -25°C to +85°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated.

Mating Part No.:  
 P/N : WBW02SJ-XX  
 P/N: WBW02RJ-XX



### ■ Ordering Information

## WBW02HJ-XX

①      ②

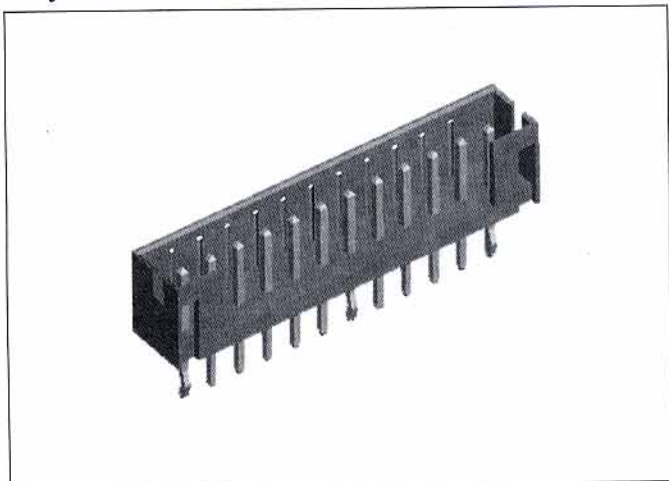
① H:Housing

② No. of Contacts:  
2-20

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	2.00	5.80
3	4.00	7.80
4	6.00	9.80
5	8.00	11.80
6	10.00	13.80
7	12.00	15.80
8	14.00	17.80
9	16.00	19.80
10	18.00	21.80
11	20.00	23.80
12	22.00	25.80
13	24.00	27.80
14	26.00	29.80
15	28.00	31.80
16	30.00	33.80
17	32.00	35.80
18	34.00	37.80
19	36.00	39.80
20	38.00	41.80

Unit:mm

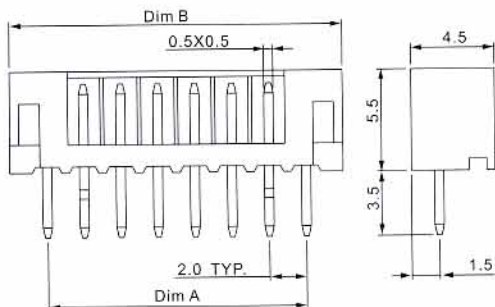


### ■ Specifications:

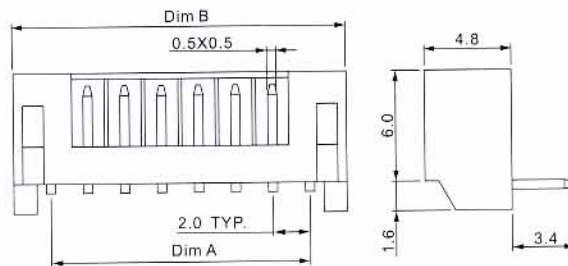
Current rating : 1.0A AC/DC  
 Voltage rating : 50V AC/DC  
 Contact resistance : 20 m ohm max  
 Insulation resistance : 500 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -25°C to +125°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Brass  
 Finish : Tin Plated.



P/N : WBW02SB-XX

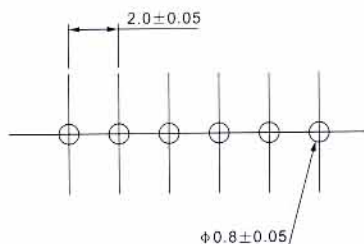


P/N : WBW02RB-XX

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	2.00	6.00
3	4.00	8.00
4	6.00	10.00
5	8.00	12.00
6	10.00	14.00
7	12.00	16.00
8	14.00	18.00
9	16.00	20.00
10	18.00	22.00
11	20.00	24.00
12	22.00	26.00
13	24.00	28.00
14	26.00	30.00
15	28.00	32.00

### ■ Recommended PCB Layout



### ■ Ordering Information

**WBW02SB-XX**

①      ②

① SB: Straight  
 RB: Right Angle

② No. of Contacts:  
 2-15 Ways

Unit:mm

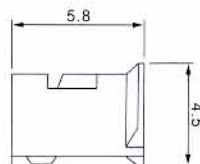
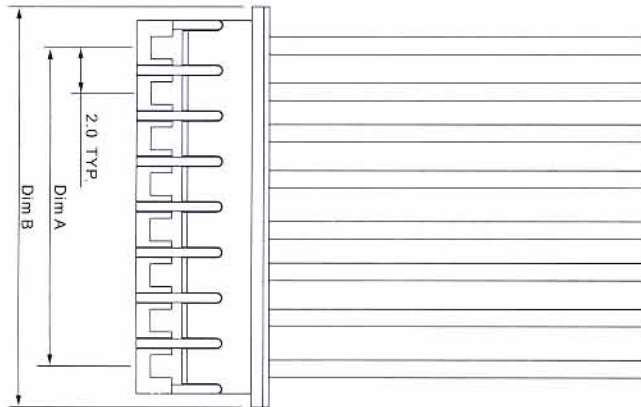
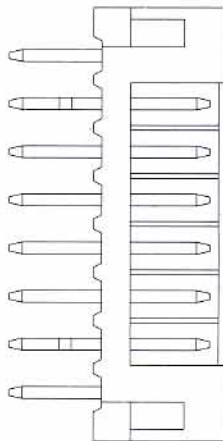


**Specifications:**

- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 800V AC/minute
- Temperature range : -25°C to +85°C

**Material and Finish:**

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated.



Mating Part No.:  
 P/N : WBW02SB-XX  
 P/N : WBW02RB-XX

**Ordering Information**

**WBW02HB — XX**

①

②

① HB:Housing

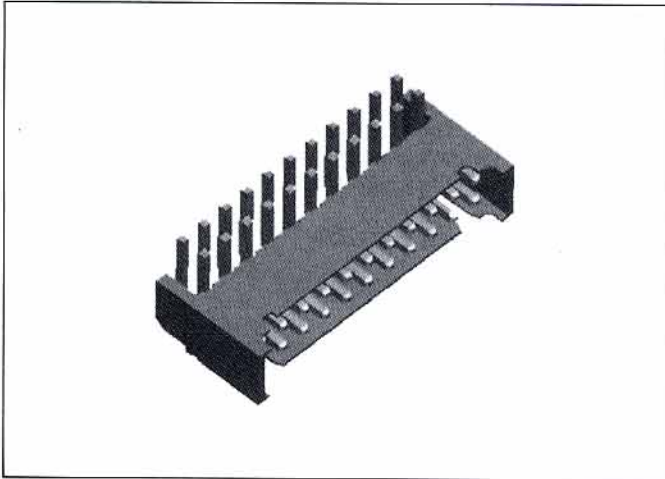
② No. of Contacts:  
2-15 Ways

**Engineering Dimension**

CIRCUITS	DIM. A	DIM. B
2	2.00	5.60
3	4.00	7.60
4	6.00	9.60
5	8.00	11.60
6	10.00	13.60
7	12.00	15.60
8	14.00	17.60
9	16.00	19.60
10	18.00	21.60
11	20.00	23.60
12	22.00	25.60
13	24.00	27.60
14	26.00	29.60
15	28.00	31.60

Unit:mm



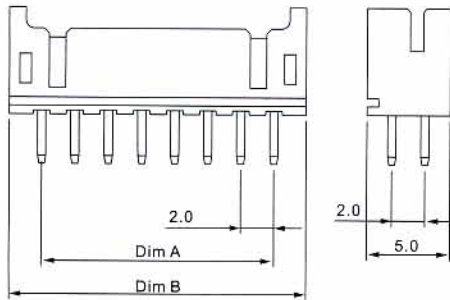


### ■ Specifications:

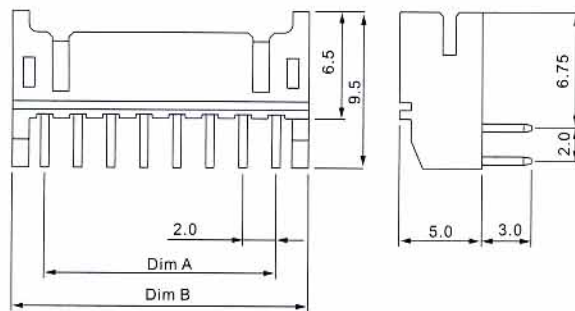
- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 800V AC/minute
- Temperature range : -25°C to +125°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated.



P/N : WBW02SJ-XX-PHD

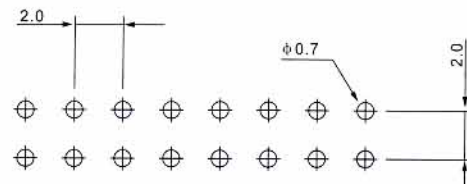


P/N : WBW02RJ-XX-PHD

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
6	4.0	7.9
8	6.0	9.9
10	8.0	11.9
12	10.0	13.9
14	12.0	15.9
16	14.0	17.9
18	16.0	19.9
20	18.0	21.9
22	20.0	23.9
24	22.0	25.9
26	24.0	27.9
28	26.0	29.9
30	28.0	31.9
32	30.0	33.9

### ■ Recommended PCB Layout



### ■ Ordering Information

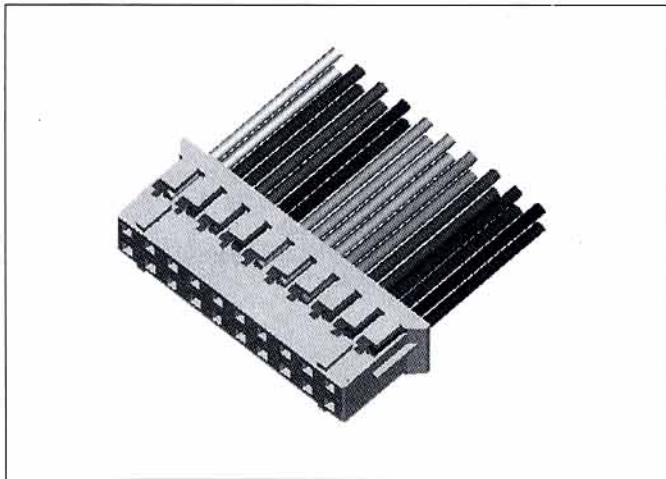
**WBW02SJ-XX-PHD**

①
②
③

① SJ: Straight RJ: Right Angle	② No. of Contacts: 6-32 Ways	③ Double Rows
-----------------------------------	---------------------------------	---------------

Unit:mm

## Wire to Board

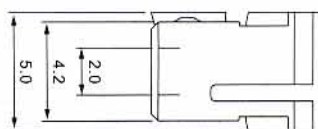
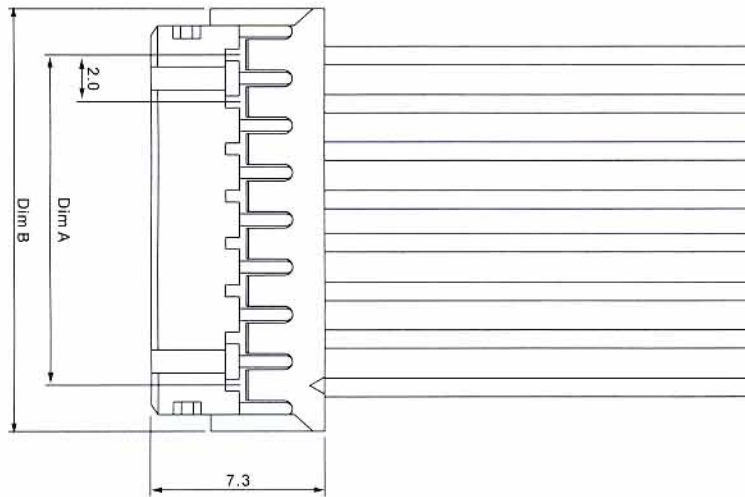
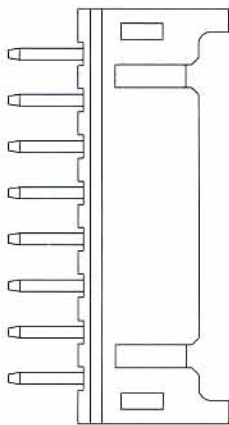


### ■ Specifications:

- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 800V AC/minute
- Temperature range : -25°C to +85°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated.



Mating Part No.:

P/N : WBW02SJ-XX-PHD

P/N : WBW02RJ-XX-PHD

### ■ Ordering Information

**WBW02HJ — XX — PHD**

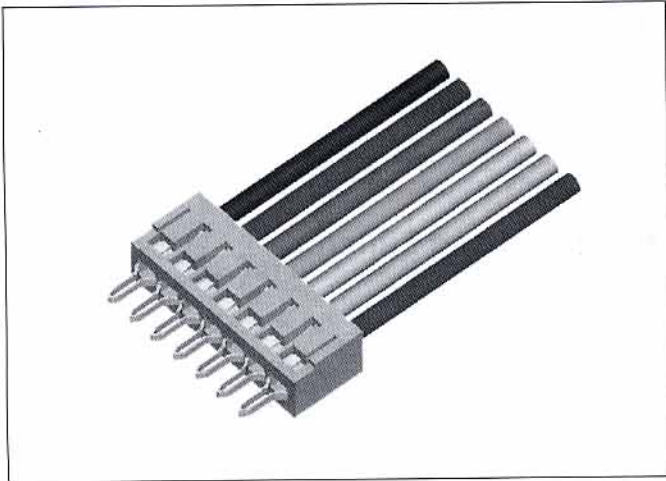
①      ②      ③

① HJ:Housing	② No. of Contacts: 6-32 Ways	③ Double Rows
--------------	---------------------------------	---------------

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
6	4.00	7.90
8	6.00	9.90
10	8.00	11.90
12	10.00	13.90
14	12.00	15.90
16	14.00	17.90
18	16.00	19.90
20	18.00	21.90
22	20.00	23.90
24	22.00	25.90
26	24.00	27.90
28	26.00	29.90
30	28.00	31.90
32	30.00	33.90

Unit:mm

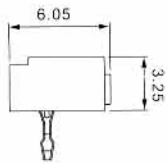
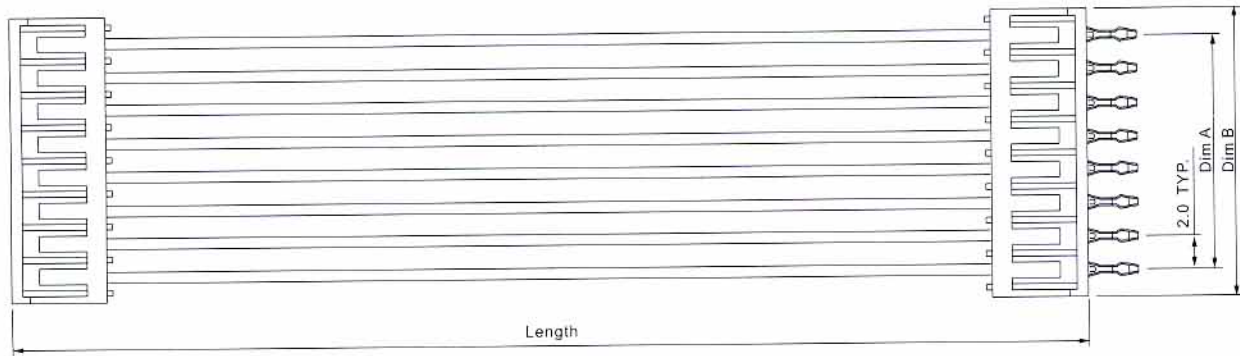


### ■ Specifications:

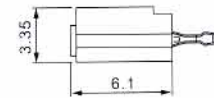
Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 800V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated.



P/N : WBW03HR-XX

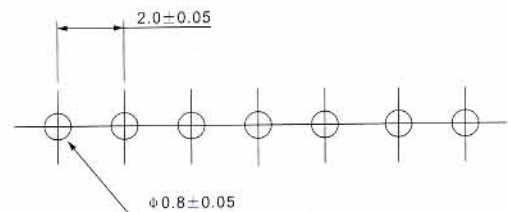


P/N : WBW03H-XX

### ■ Engineering Dimension

CIRCUITS	DIM.A	DIM.B
2	2.00	5.20
3	4.00	7.20
4	6.00	9.20
5	8.00	11.20
6	10.00	13.20
7	12.00	15.20
8	14.00	17.20
9	16.00	19.20
10	18.00	21.20
11	20.00	23.20
12	22.00	25.20
13	24.00	27.20
14	26.00	29.20
15	28.00	31.20
16	30.00	33.20

### ■ Recommended PCB Layout



### ■ Ordering Information

**WBW03H-XX**

①      ②

① H: Housing Straight Type  
HR: Housing R/A Type

② No. of Contacts:  
2 - 16 Ways

Unit:mm



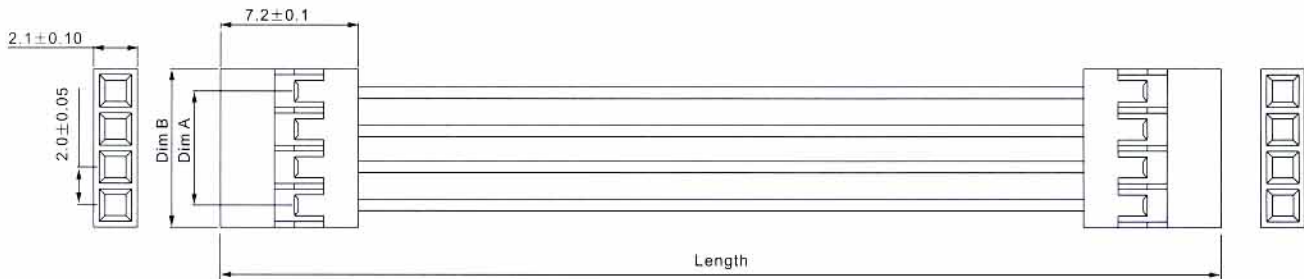


### ■ Specifications:

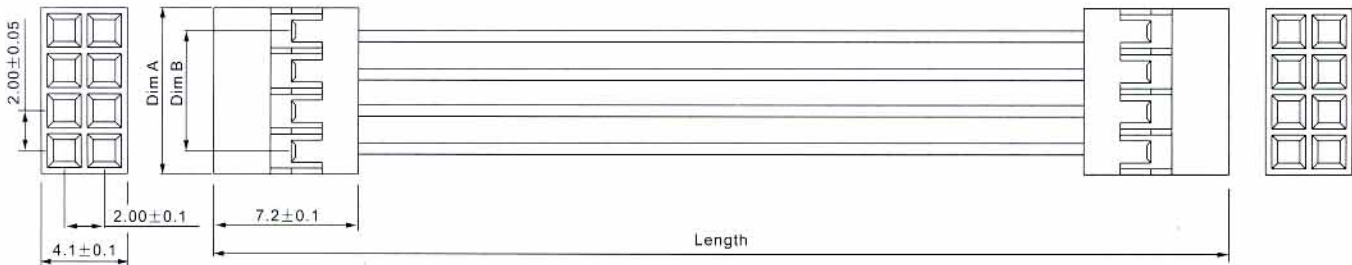
Current rating : 2.0A AC/DC  
Voltage rating : 100V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 650V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated.



P/N : WBW04A-XX



P/N : WBW04B-XX

### ■ Engineering Dimension

2026A

CIRCUITS	DIMENTION		CIRCUITS	DIMENTION	
	A	B		A	B
2	2.00	4.30	17	32.00	34.30
3	4.00	6.30	18	34.00	36.30
4	6.00	8.30	19	36.00	38.30
5	8.00	10.30	20	38.00	40.30
6	10.00	12.30	21	40.00	42.30
7	12.00	14.30	22	42.00	44.30
8	14.00	16.30	23	44.00	46.30
9	16.00	18.30	24	46.00	48.30
10	18.00	20.30	25	48.00	50.30
11	20.00	22.30	26	50.00	52.30
12	22.00	24.30	27	52.00	54.30
13	24.00	26.30	28	54.00	56.30
14	26.00	28.30	29	56.00	58.30
15	28.00	30.30	30	58.00	60.30
16	30.00	32.30			

2026B

CIRCUITS	DIMENTION		CIRCUITS	DIMENTION	
	A	B		A	B
4	4.20	2.00	30	30.20	28.00
6	6.20	4.00	32	32.20	30.00
8	8.20	6.00	34	34.20	32.00
10	10.20	8.00	36	36.20	34.00
12	12.20	10.00	38	38.20	36.00
14	14.20	12.00	40	40.20	38.00
16	16.20	14.00	42	42.20	40.00
18	18.20	16.00	44	44.20	42.00
20	20.20	18.00	46	46.20	44.00
22	22.20	20.00	48	48.20	46.00
24	24.20	22.00	50	50.20	48.00
26	26.20	24.00	60	60.20	50.00
28	28.20	26.00	80	80.20	78.00

### ■ Ordering Information

**WBW04A-XX**

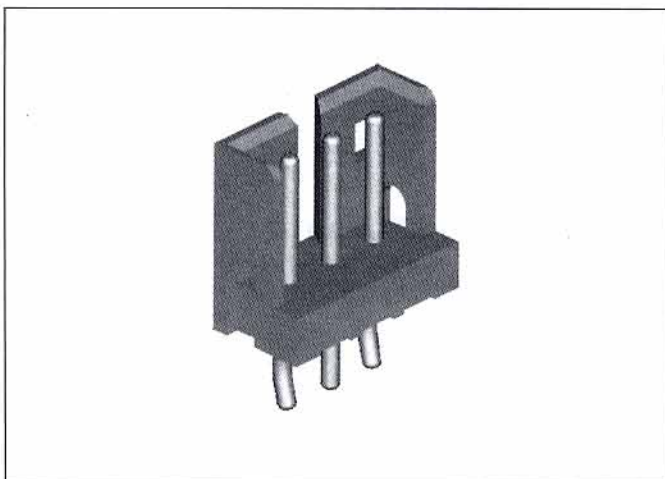
①

②

① A: Single Row  
B: Double Row

② No. of Contacts

Unit:mm

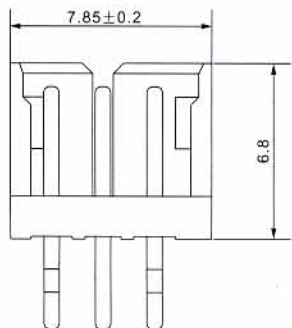
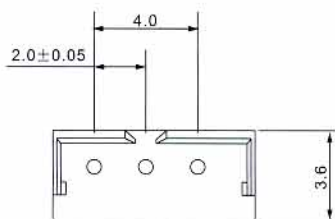


### ■ Specifications:

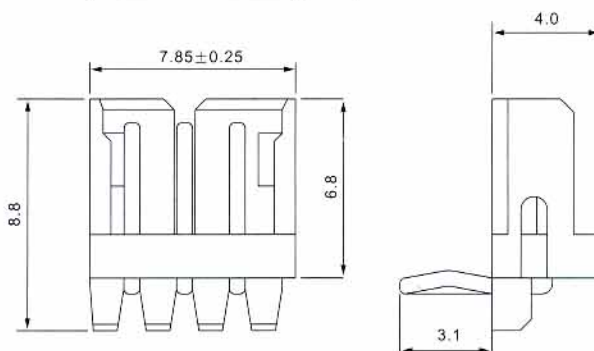
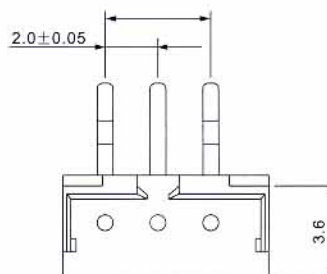
Current rating : 1.0A AC/DC  
Voltage rating : 50V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 500 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°C to +125°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Brass  
Finish : Tin Plated.



P/N : WBW02SA-03



P/N : WBW02RA-03

### ■ Ordering Information

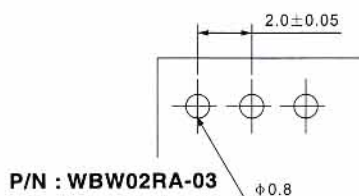
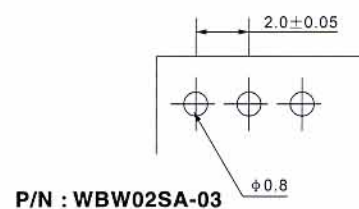
**WBW02S(R)A—03**

①                      ②

① SA: Straight  
RA: R/A Type

② No .of Contacts

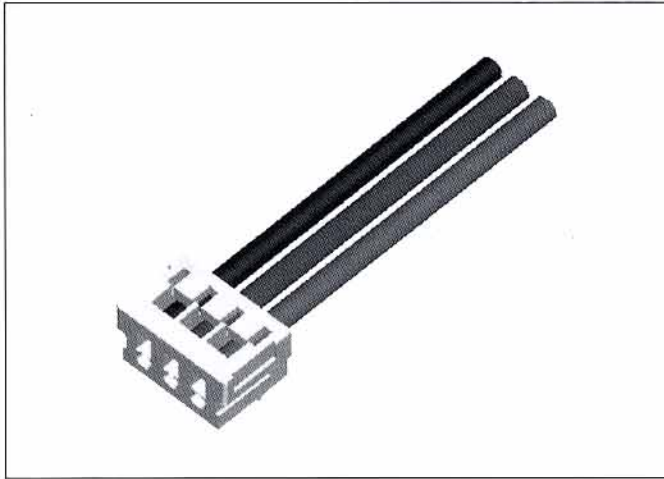
### ■ Recommended PCB Layout



Unit:mm



# Wire to Board

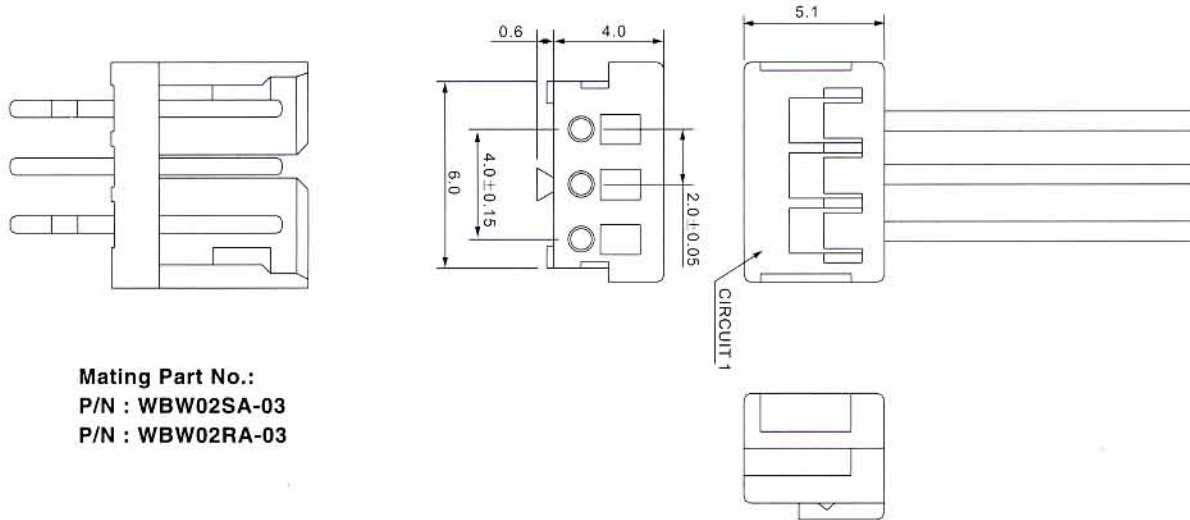


### ■ Specifications:

- Current rating : 2.0A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 800V AC/minute
- Temperature range : -25°C to +85°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated.



Mating Part No.:  
 P/N : WBW02SA-03  
 P/N : WBW02RA-03

### ■ Ordering Information

**WBW02HA—03**  
 ①      ②

① HA: Housing	② No. of Contacts
---------------	-------------------

Unit:mm

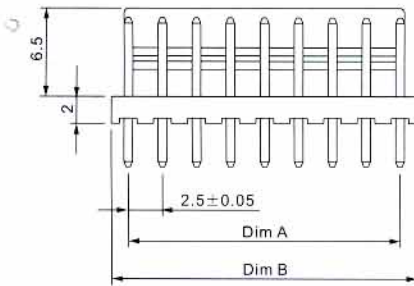
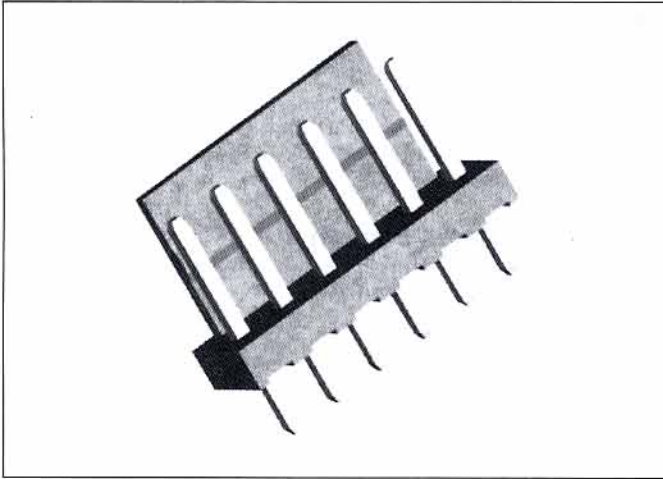


### ■ Specifications:

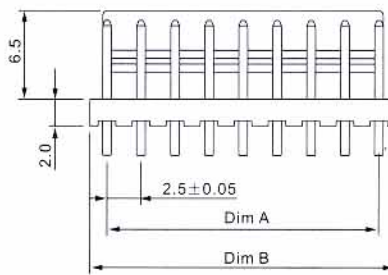
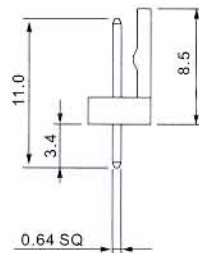
Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 10 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

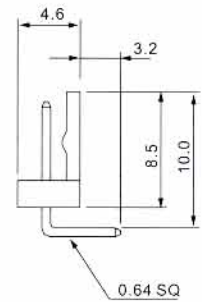
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated.



P/N : WB10SB-XX



P/N : WB10RB-XX



### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	2.50	5.00
3	5.00	7.50
4	7.50	10.00
5	10.00	12.50
6	12.50	15.00
7	15.00	17.50
8	17.50	20.00
9	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50
16	37.50	40.00
17	40.00	42.50
18	42.50	45.00
19	45.00	47.50
20	47.50	50.00

### ■ Ordering Information

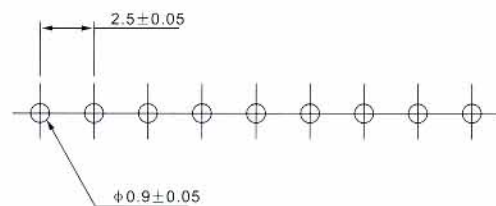
**WB10SB-XX**

①      ②

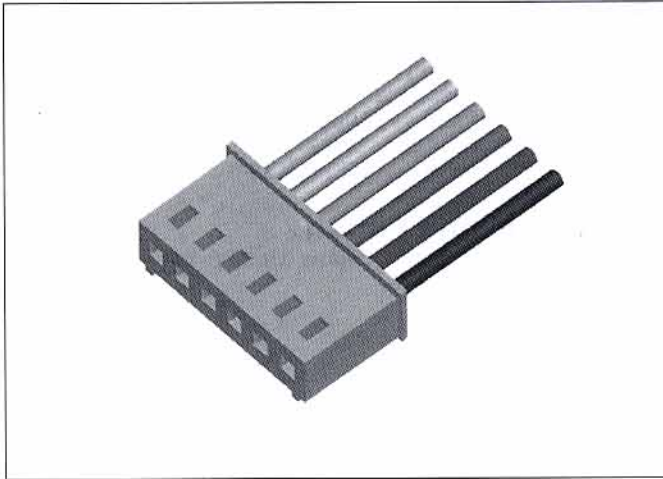
① SB: Straight  
RB: Right Angle

② No. of Contacts:  
2-20 Ways

### ■ Recommended PCB Layout



Unit:mm



### ■ Specifications:

Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -25°C to +85°C

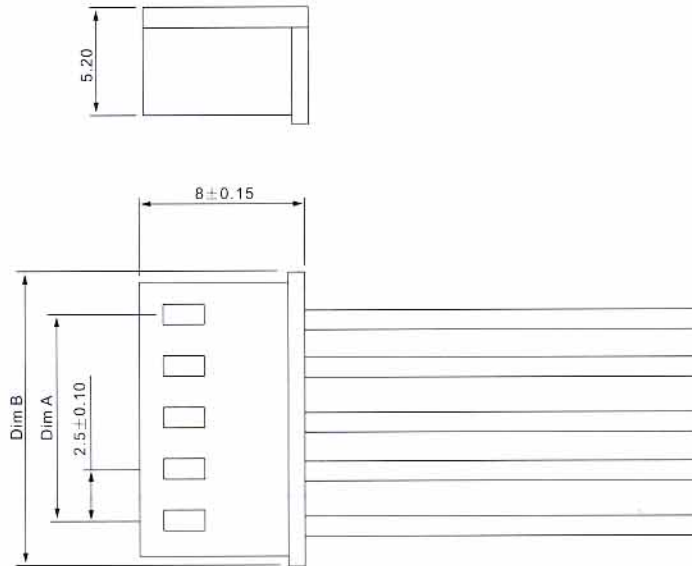
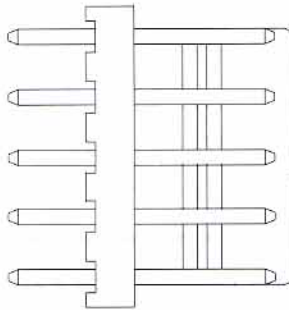
### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated.

### Mating Part No.:

P/N : WB10SB-XX

P/N : WB10RB-XX



### ■ Ordering Information

**WB10HB-XX**

①

②

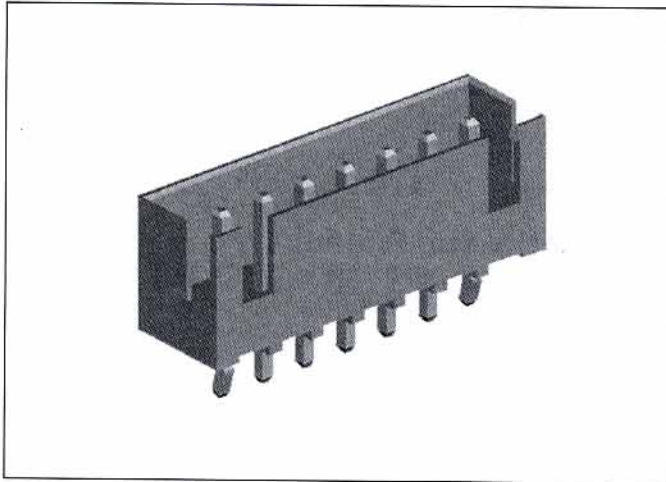
① HB Housing

② No. of Position:  
2-15 Ways

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	2.50	6.74
3	5.00	9.24
4	7.50	11.74
5	10.00	14.24
6	12.50	16.74
7	15.00	19.24
8	17.50	21.74
9	20.00	24.24
10	22.50	26.74
11	25.00	29.24
12	27.50	31.74
13	30.00	34.24
14	32.50	36.74
15	35.00	39.24

Unit:mm

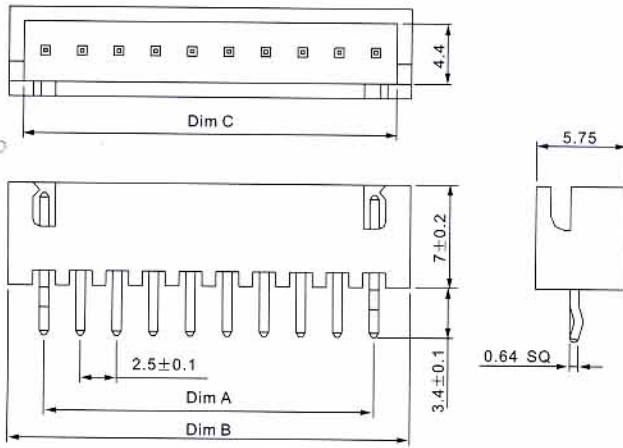


### ■ Specifications:

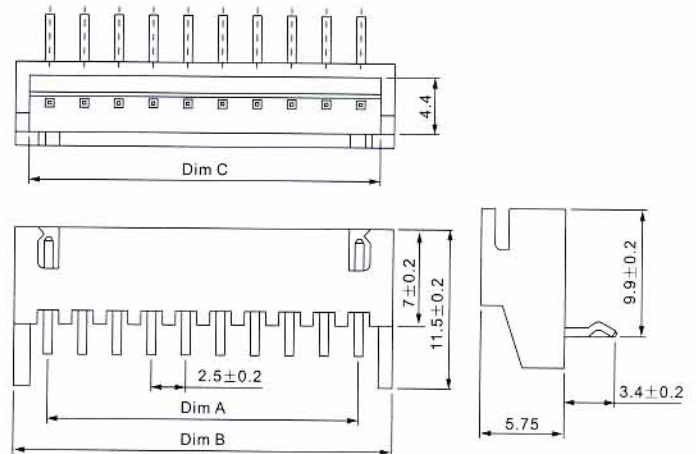
Current rating : 3.0A AC/DC  
 Voltage rating : 250V AC/DC  
 Contact resistance : 20 m ohm max  
 Insulation resistance : 1000 M ohm min  
 Withstanding voltage : 1000V AC/minute  
 Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Copper Alloy  
 Finish : Tin Plated.



P/N : WB10SJ-XX

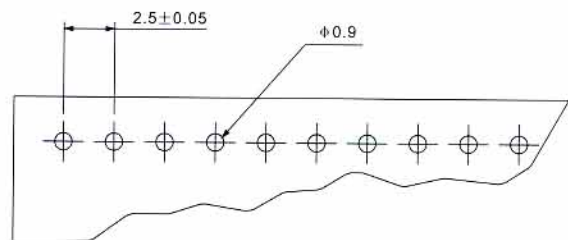


P/N : WB10RJ-XX

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B	DIM. C
2	2.50	7.50	6.20
3	5.00	10.00	8.70
4	7.50	12.50	11.20
5	10.00	15.00	13.70
6	12.50	17.50	16.20
7	15.00	20.00	18.70
8	17.50	22.50	21.20
9	20.00	25.00	23.70
10	22.50	27.50	26.20
11	25.00	30.00	28.70
12	27.50	32.50	31.20
13	30.00	35.00	33.70
14	32.50	37.50	36.20
15	35.00	40.00	38.70
16	37.50	42.50	41.20
17	40.00	45.00	43.70
18	42.50	47.50	46.20
19	45.00	50.00	48.70
20	47.50	52.50	51.20

### ■ Recommended PCB Layout



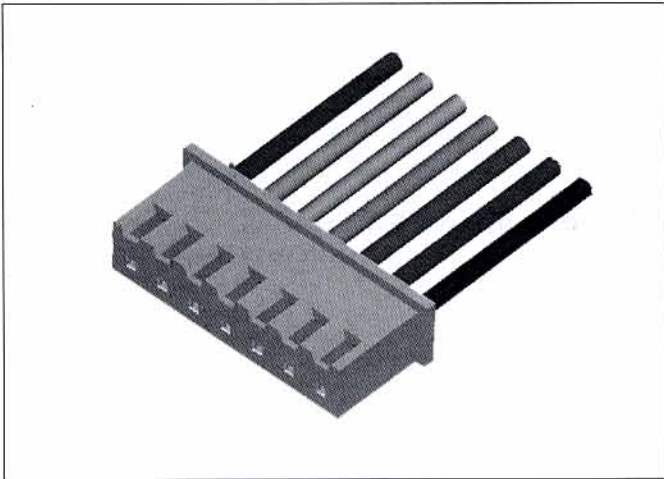
### ■ Ordering Information

**WB10SJ-XX**  
 ①      ②

① SJ: Straight RJ: Right Angle	② No. of Contacts: 2-20 Ways
-----------------------------------	---------------------------------

Unit:mm



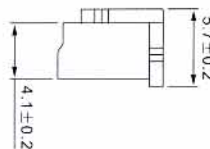
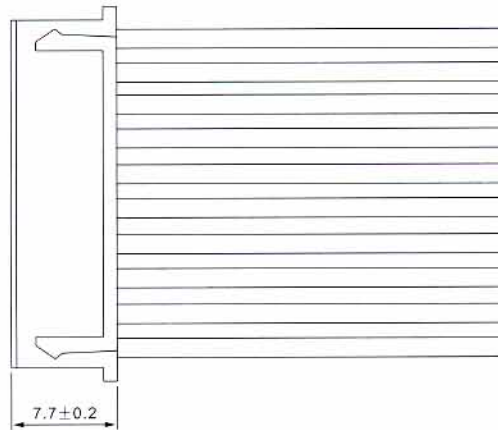
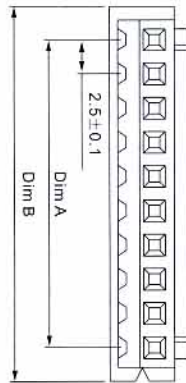
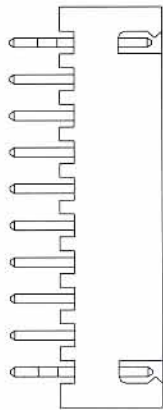


### ■ Specifications:

- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -25°C to +85°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated.



Mating Part No.:  
P/N : WB10SJ-XX  
P/N : WB10RJ-XX

### ■ Ordering Information

**WB10HJ-XX**

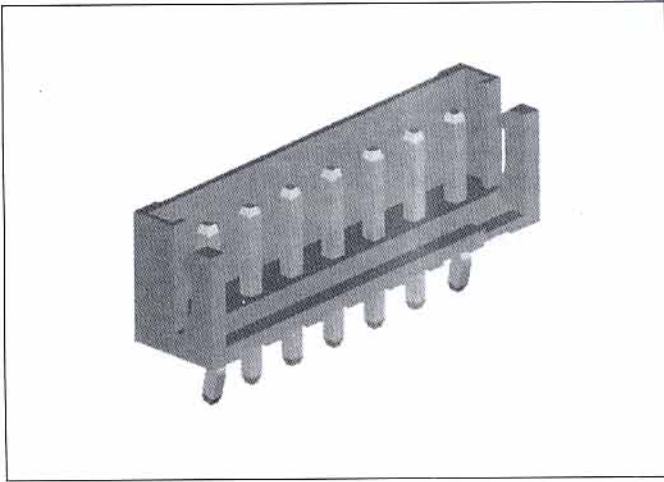
①                      ②

① HJ:Housing	② No. of Contacts: 2-20 Ways
--------------	---------------------------------

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B	CIRCUITS	DIM. A	DIM. B
2	2.50	7.40	12	27.50	2.40
3	5.00	9.90	13	30.00	34.90
4	7.50	12.40	14	32.50	37.40
5	10.00	14.90	15	35.00	39.90
6	12.50	17.40	16	37.50	42.40
7	15.00	19.90	17	40.00	44.90
8	17.50	22.40	18	42.50	47.40
9	20.00	24.90	19	45.00	49.90
10	22.50	27.40	20	47.50	52.40
11	25.00	29.90			

Unit:mm

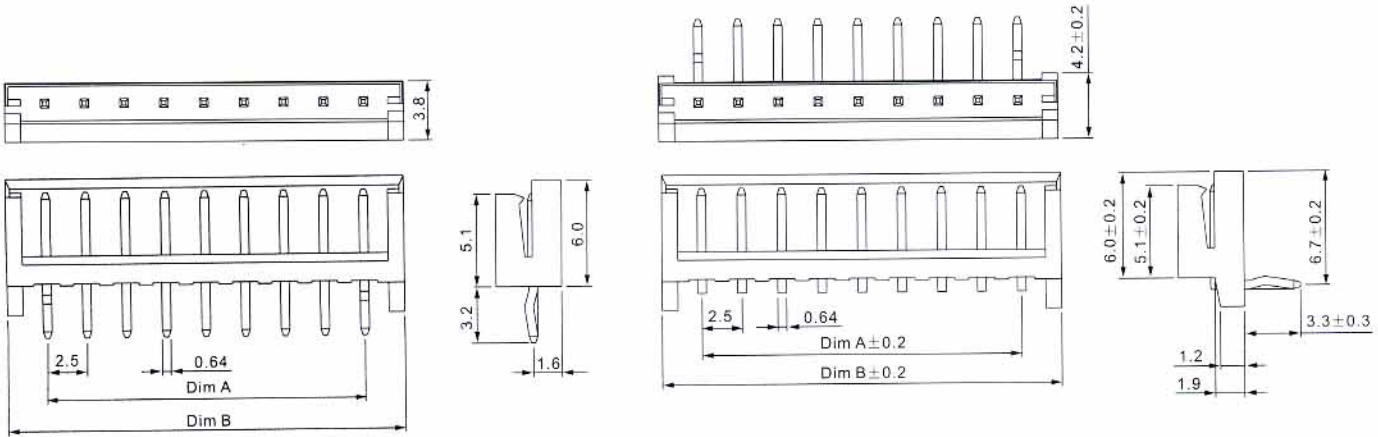


■ **Specifications:**

Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 10 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 800V AC/minute  
Temperature range : -25°C to +85°C

■ **Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated.



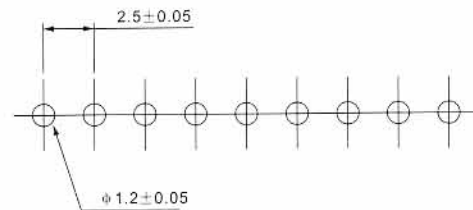
P/N : WB10SEH-XX

P/N : WB10REH-XX

■ **Engineering Dimension**

CIRCUITS	DIM. A	DIM. B
2	2.50	7.50
3	5.00	10.00
4	7.50	12.50
5	10.00	15.00
6	12.50	17.50
7	15.00	20.00
8	17.50	22.50
9	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	31.40
13	30.00	33.90
14	32.50	36.40
15	35.00	38.90

■ **Recommended PCB Layout**



■ **Ordering Information**

**WB10SEH-XX**

①      ②

① SEH: Straight  
REH: Right Angle

② No. of Contacts:  
2-15 Ways

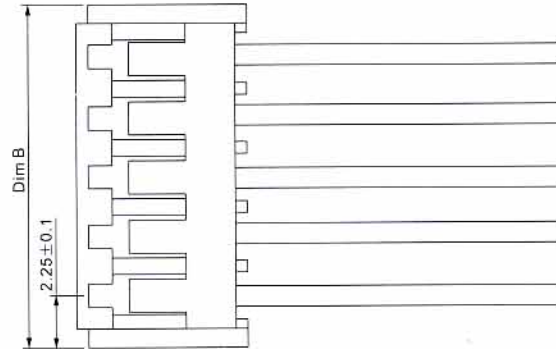
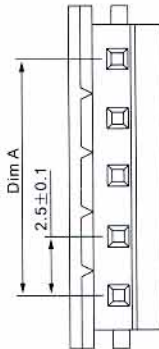
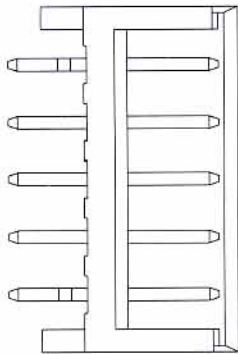
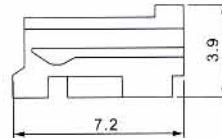
**Unit:mm**

### ■ Specifications:

Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 800V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated.



Mating Part No.:  
P/N : WB10SEH-XX  
P/N : WB10REH-XX

### ■ Ordering Information

**WB10HEH—XX**

①      ②

① HEH:Housing

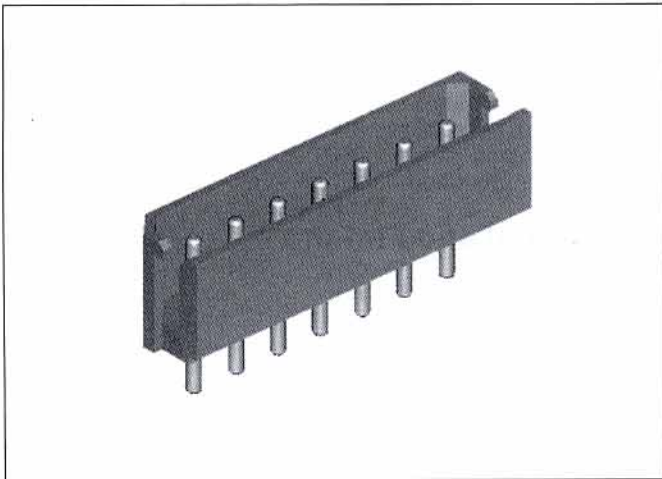
② No. of Contacts:  
2-15 Ways

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	2.50	7.00
3	5.00	9.50
4	7.50	12.00
5	10.00	14.50
6	12.50	17.00
7	15.00	19.50
8	17.50	22.00
9	20.00	24.50
10	22.50	27.00
11	25.00	29.50
12	27.50	31.40
13	30.00	33.90
14	32.50	36.40
15	35.00	38.90

Unit:mm



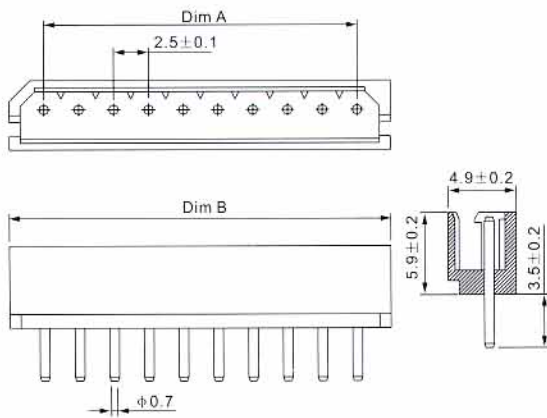


### ■ Specifications:

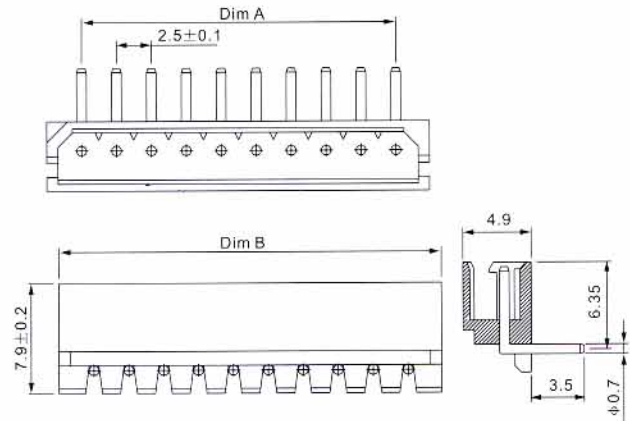
Current rating : 3.0A AC/DC  
 Voltage rating : 250V AC/DC  
 Contact resistance : 20 m ohm max  
 Insulation resistance : 1000 M ohm min  
 Withstanding voltage : 1000V AC/minute  
 Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Copper Alloy  
 Finish : Tin Plated.



P/N : WB10SM-XX

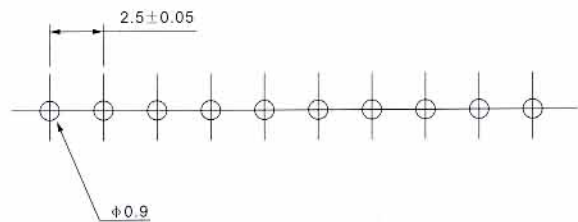


P/N : WB10RM-XX

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	2.50	7.40
3	5.00	9.90
4	7.50	12.40
5	10.00	14.90
6	12.50	17.40
7	15.00	19.90
8	17.50	22.40
9	20.00	24.90
10	22.50	27.40
11	25.00	29.90
12	27.50	32.40
13	30.00	34.90
14	32.50	37.40
15	35.00	39.90
16	37.50	42.40

### ■ Recommended PCB Layout



### ■ Ordering Information

**WB10SM-XX**

①      ②

① SM: Straight  
 RM: Right Angle

② No. of Contacts:  
 2-16 Ways

Unit:mm

### ■ Specifications:

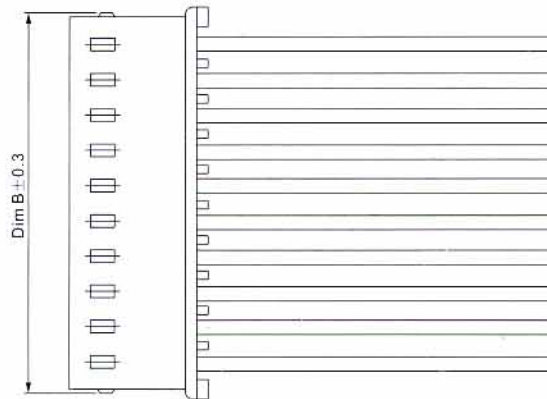
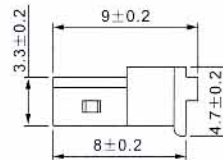
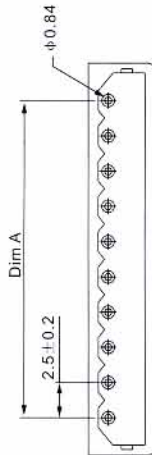
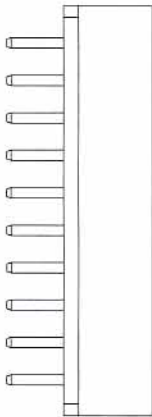
Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated.



Mating Part No.:  
P/N : WB10SM-XX  
P/N : WB10RM-XX



### ■ Ordering Information

**WB10**HM—XX

①      ②

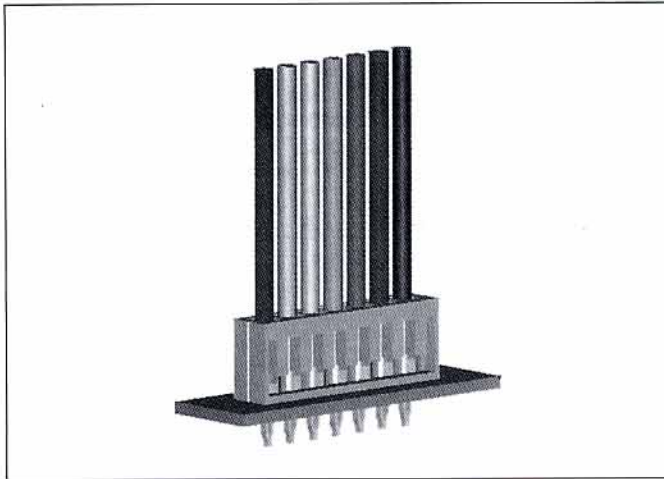
① HM:Housing

② No. of Contacts:  
2-16 Ways

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	2.50	6.40
3	5.00	8.90
4	7.50	11.40
5	10.00	13.90
6	12.50	16.40
7	15.00	18.90
8	17.50	21.40
9	20.00	23.90
10	22.50	26.40
11	25.00	28.90
12	27.50	31.40
13	30.00	33.90
14	32.50	36.40
15	35.00	38.90
16	37.50	41.40

Unit:mm

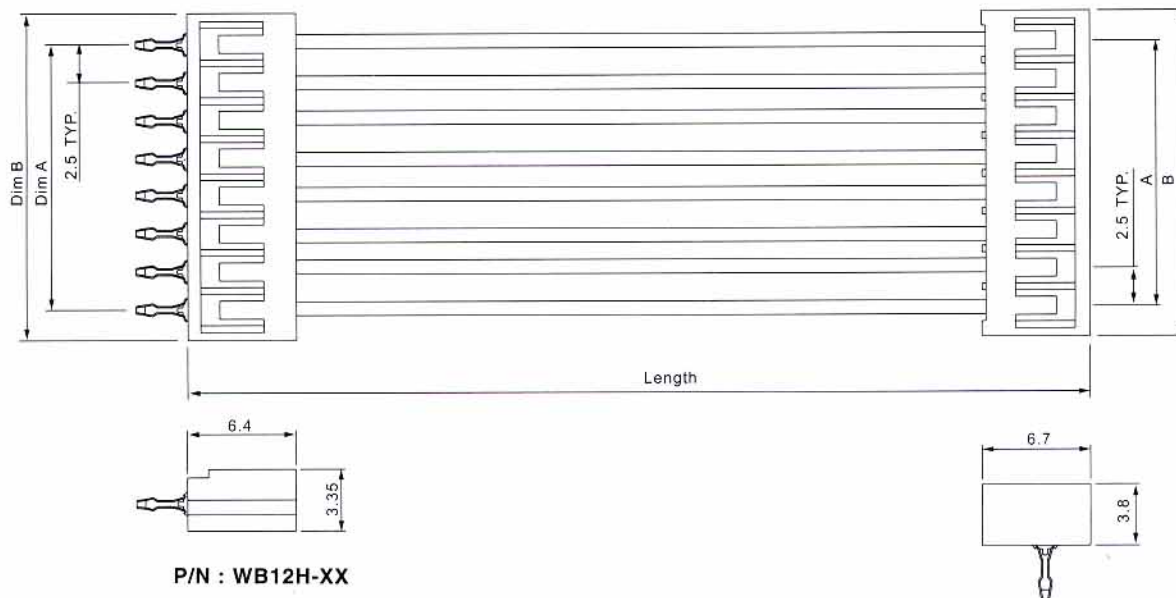


### ■ Specifications:

Current rating : 2.5A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 800V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated



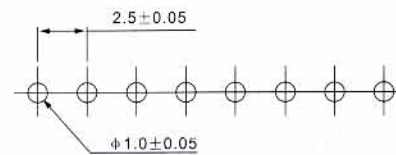
P/N : WB12H-XX

P/N : WB12HR-XX

### ■ Engineering Dimension

CIRCUITS	DIM.A	DIM.B
2	2.50	6.50
3	5.00	9.00
4	7.50	11.50
5	10.00	14.00
6	12.50	16.50
7	15.00	19.00
8	17.50	21.50
9	20.00	24.00
10	22.50	26.50
11	25.00	29.00
12	27.50	31.50
13	30.00	34.00
14	32.50	36.50
15	35.00	39.00
16	37.50	41.50

### ■ Recommended PCB Layout



### ■ Ordering Information

**WB12H-XX**

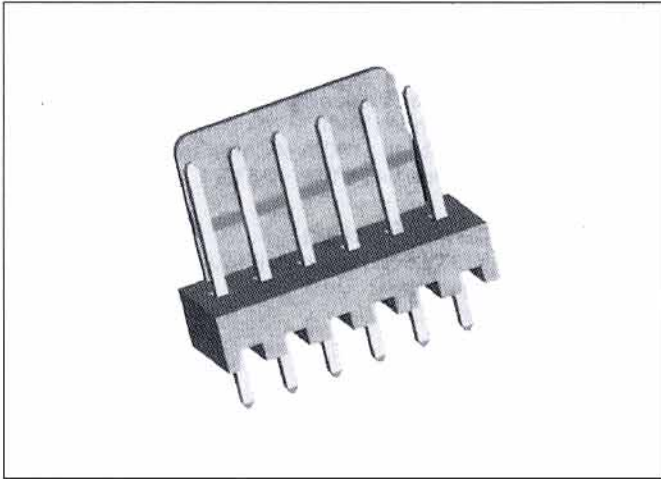
①      ②

① H:Housing Straight  
HR: R/A Type

② No. of Contacts:  
2-16 Ways

Unit:mm



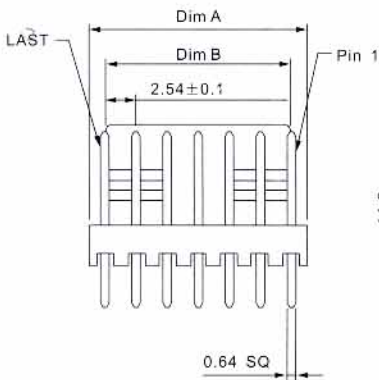


### ■ Specifications:

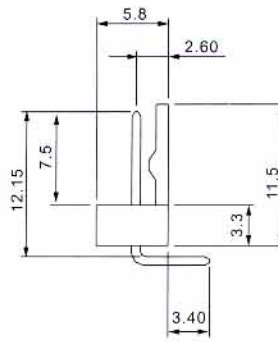
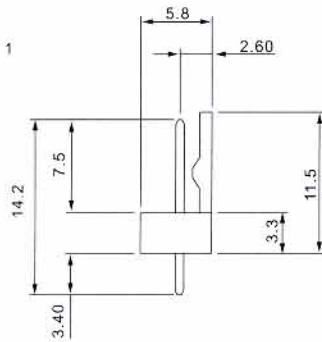
Current rating : 3.0A AC/DC  
 Voltage rating : 250V AC/DC  
 Contact resistance : 20 m ohm max  
 Insulation resistance : 1000 M ohm min  
 Withstanding voltage : 1000V AC/minute  
 Temperature range : -25°C to +105°C

### ■ Material and Finish:

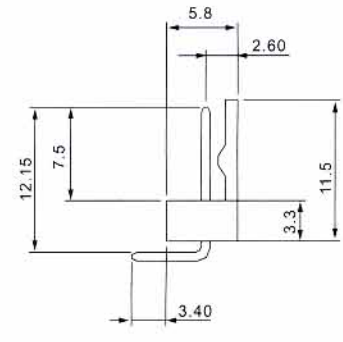
Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Copper Alloy  
 Finish : Tin Plated.



P/N : WB13S-XX



P/N : WB13R-XX

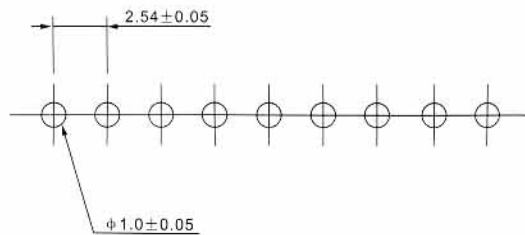


P/N : WB13RR-XX

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	5.56	2.54
3	8.10	5.08
4	10.64	7.62
5	13.18	10.16
6	15.72	12.70
7	18.26	15.24
8	20.80	17.78
9	23.34	20.32
10	25.88	22.86
11	28.42	25.40
12	30.96	27.94
13	33.50	30.48
14	36.04	33.02
15	38.58	35.56
16	41.12	38.10
17	43.66	40.64
18	46.20	43.18
19	48.74	45.72
20	51.28	48.26

### ■ Recommended PCB Layout



### ■ Ordering Information

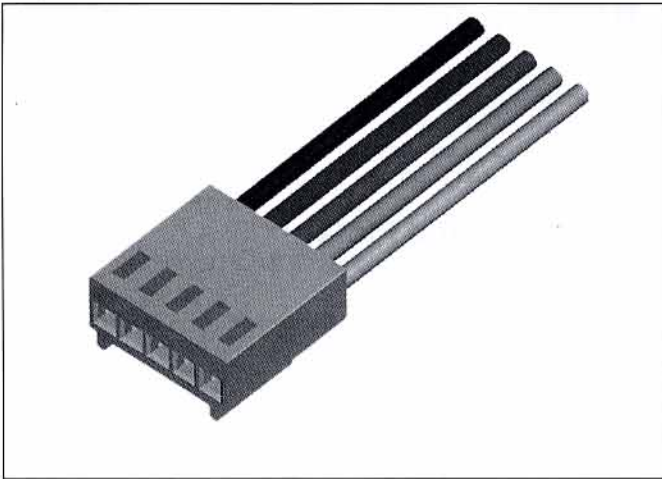
**WB13S-XX**

①

②

① S: Straight  
 R: Right Angle  
 RR: R/A Reverse

② No. of Contacts:  
 2-20 Ways

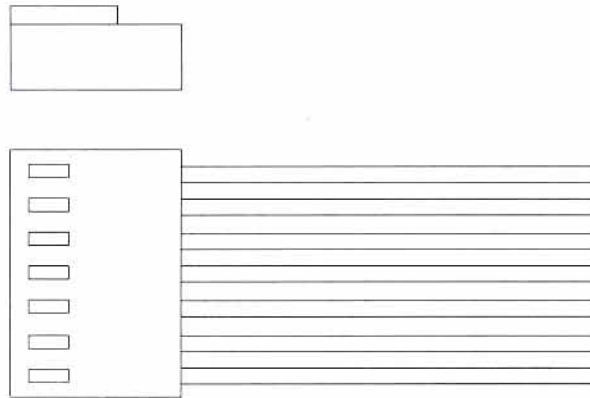
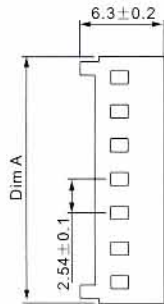
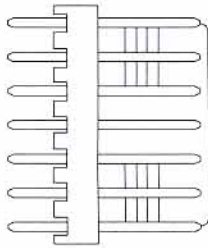


■ **Specifications:**

Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1000V AC/minute  
Temperature range : -25°C to +85°C

■ **Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated.



Mating Part No.:  
P/N : WB13S-XX  
P/N : WB13R-XX  
P/N : WB13RR-XX

■ **Ordering Information**

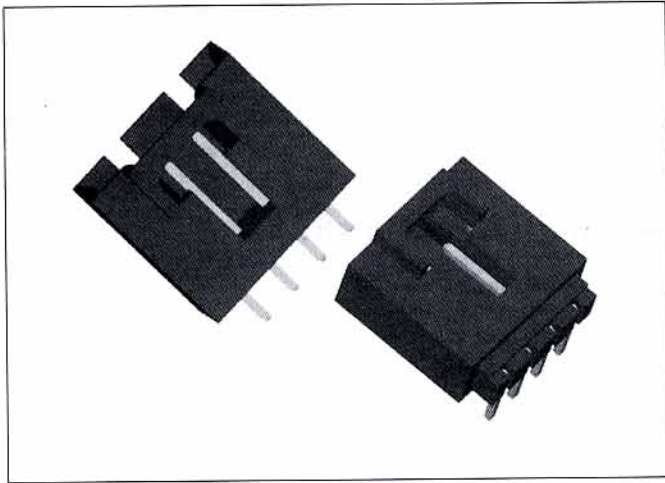
**WB13H—XX**  
①      ②

① H:Housing	② No. of Contacts: 2-20 Ways
-------------	---------------------------------

■ **Engineering Dimension**

CIRCUITS	DIM.A	CIRCUITS	DIM.A
1	3.10	11	28.50
2	5.60	12	31.00
3	8.10	13	33.50
4	10.70	14	36.10
5	13.20	15	38.60
6	15.80	16	41.10
7	18.30	17	43.60
8	20.90	18	46.10
9	23.40	19	48.60
10	25.90	20	51.10

**Unit:mm**

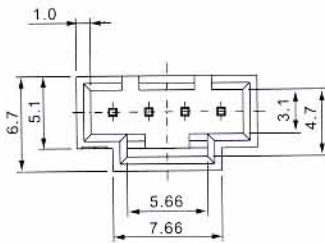


### ■ Specifications:

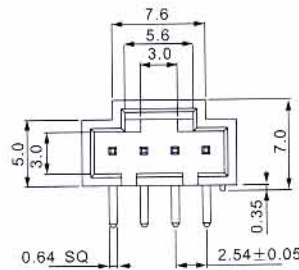
Current rating : 3.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 500V AC/minute  
Temperature range : -25°C to +105°C

### ■ Material and Finish:

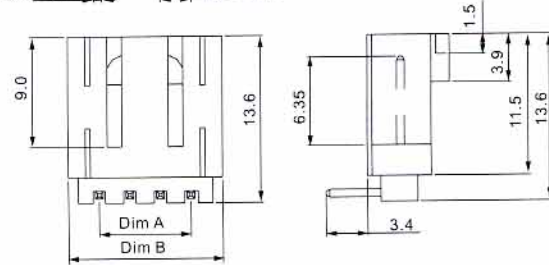
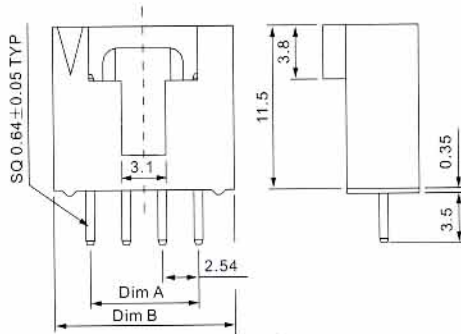
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Gold/Tin Plated.



P/N : WB14S-XX



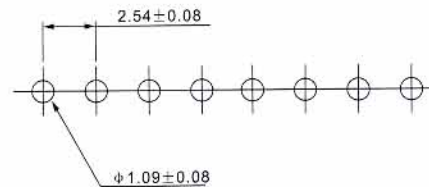
P/N : WB14R-XX



### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	2.54	7.62
3	5.08	10.16
4	7.62	12.70
5	10.16	15.24
6	12.70	17.78
7	15.24	20.32
8	17.78	22.86
9	20.32	25.40
10	22.86	27.94
11	25.40	30.48
12	27.94	33.02

### ■ Recommended PCB Layout



### ■ Ordering Information

**WB14S-XX**

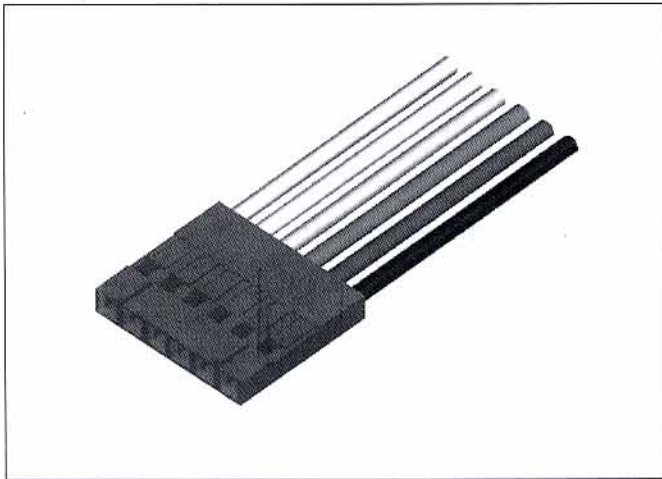
①      ②

① S: Straight  
R: Right Angle

② No. of Contacts

Unit:mm



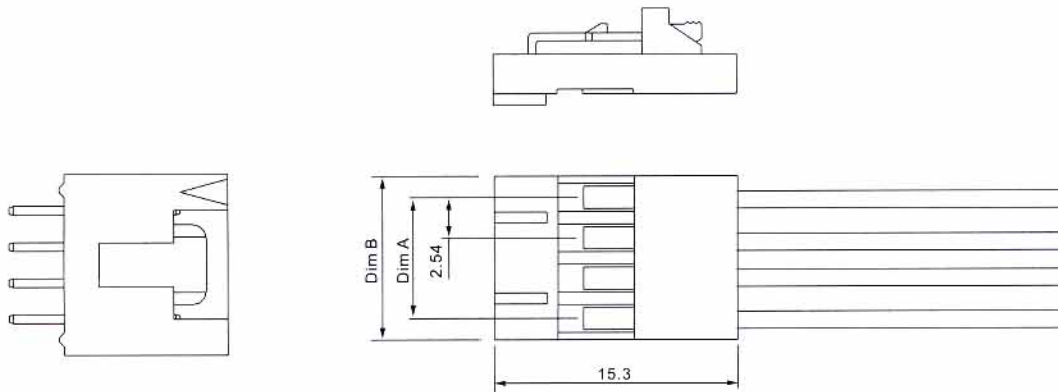


### ■ Specifications:

Current rating : 3.0A AC/DC  
 Voltage rating : 250V AC/DC  
 Contact resistance : 20 m ohm max  
 Insulation resistance : 5000 M ohm min  
 Withstanding voltage : 500V AC/minute  
 Temperature range : -40°C to +105°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Brass  
 Finish : Gold/Tin Plated.



Mating Part No.:  
 P/N : WB14S-XX  
 P/N : WB14R-XX

### ■ Engineering Dimension

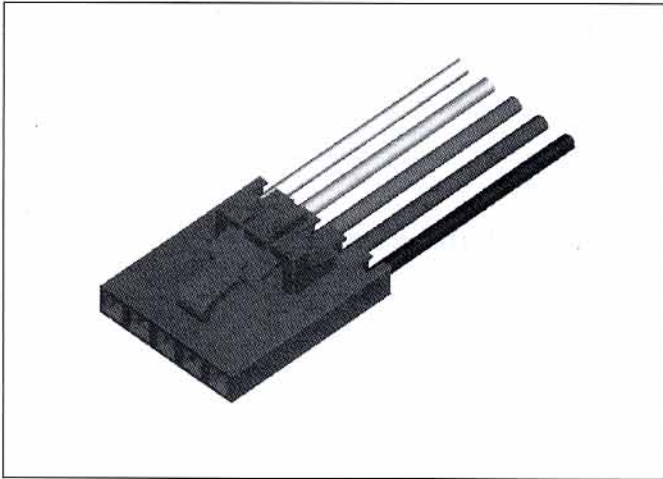
CIRCUITS	DIM. A	DIM. B
2	2.54	5.08
3	5.08	7.62
4	7.62	10.16
5	10.16	12.70
6	12.70	15.24
7	15.24	17.78
8	17.78	20.32
9	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48

### ■ Ordering Information

**WB14H-XX**  
 ① ②

① H:Housing	② No. of Contacts
-------------	-------------------

**Unit:mm**



### ■ Specifications:

- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 500 M ohm min
- Withstanding voltage : 1000V AC/minute
- Temperature range : -25°C to +85°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Gold plated over nickel



### ■ Ordering Information

**WB14A-XX**

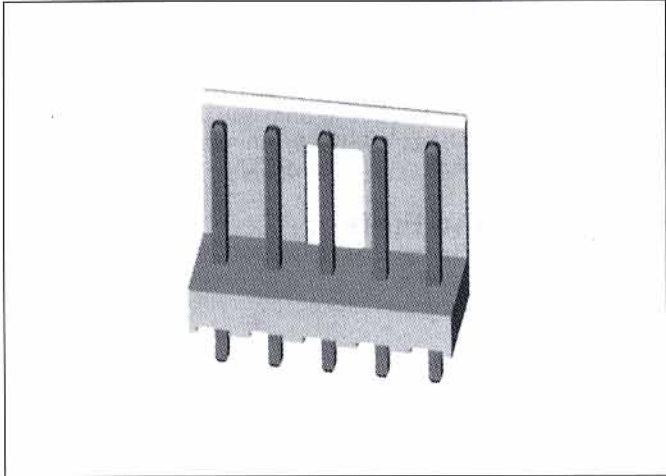
①      ②

- |  |                   |
|--|-------------------|
| ① A: Flat Version Housing<br>C: Guide Version Housing<br>G: Lock Version Housing | ② No. of Contacts |
|--|-------------------|

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	2.54	5.05
3	5.08	7.59
4	7.62	10.13
5	10.16	12.67
6	12.70	15.21
7	15.24	17.75
8	17.78	20.29
9	20.32	22.83
10	22.86	25.37
11	25.40	27.91
12	27.94	30.45

Unit:mm

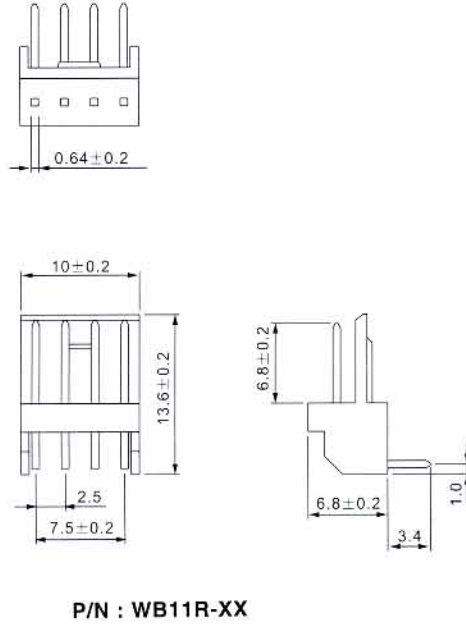
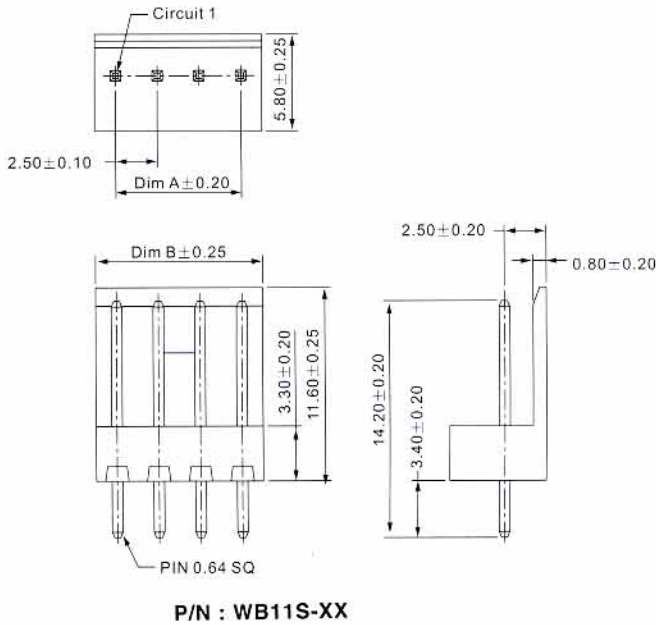


■ **Specifications:**

- Current rating : 3.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 800V AC/minute
- Temperature range : -25°C to +85°C

■ **Material and Finish:**

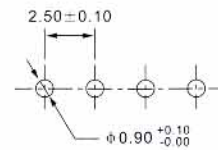
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Tin Plated.



■ **Engineering Dimension**

CIRCUITS	DIM. A	DIM. A
2	2.50	5.00
3	5.00	7.50
4	7.50	10.00
5	10.00	12.50
6	12.50	15.00
7	15.00	17.50
8	17.50	20.00

■ **Recommended PCB Layout**

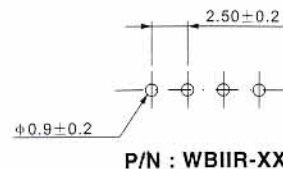


■ **Ordering Information**

**WBIIS(R) — XX**

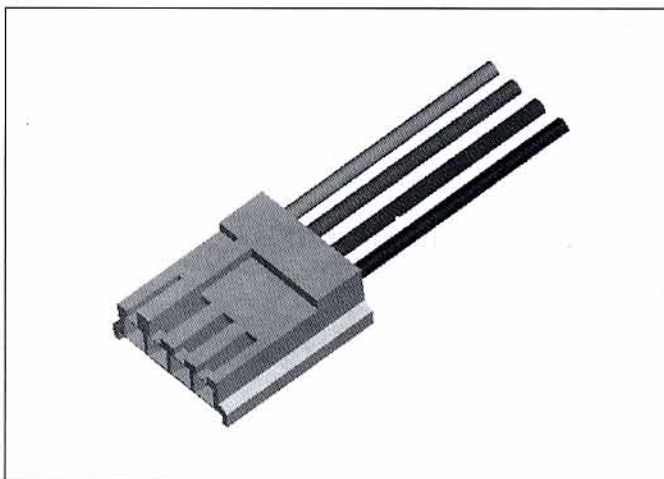
①                      ②

① S: Straight R: Right Angle	② No. of Contacts
---------------------------------	-------------------



**Unit:mm**





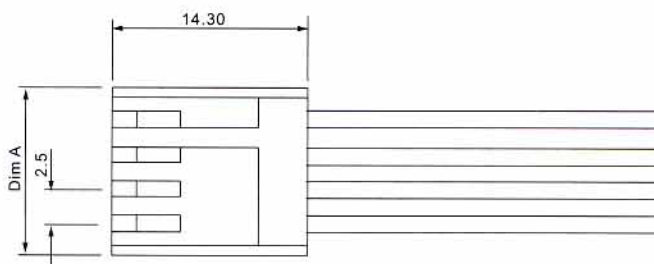
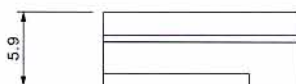
### ■ Specifications:

Current rating : 2.5A AC/DC  
 Voltage rating : 250V AC/DC  
 Contact resistance : 10 m ohm max  
 Insulation resistance : 1000 M ohm min  
 Withstanding voltage : 1000V AC/minute  
 Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Copper Alloy  
 Finish : Tin Plated.

Mating Part No.:  
 P/N : WB11S-XX  
 P/N : WB11R-XX



### ■ Ordering Information

**WB11H-XX**

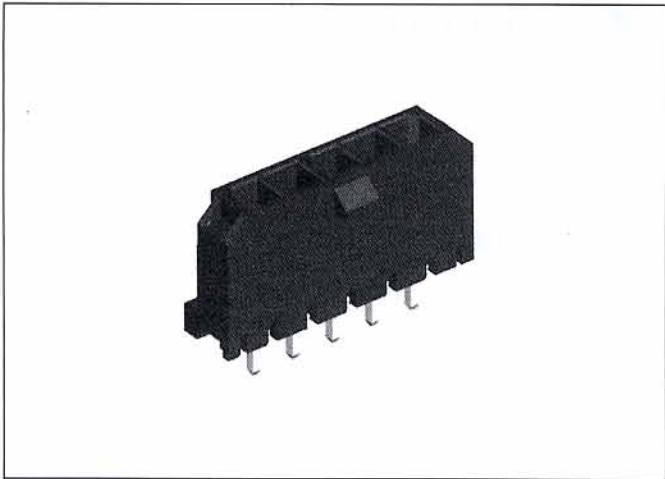
①      ②

① H:Housing

② No. of Contacts

### ■ Engineering Dimension

CIRCUITS	Dim. A
2	7.30
3	9.90
4	12.50
5	14.80
6	17.40
7	20.10
8	22.20

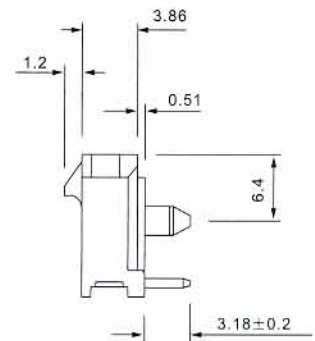
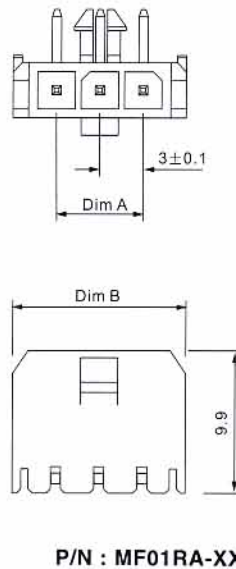
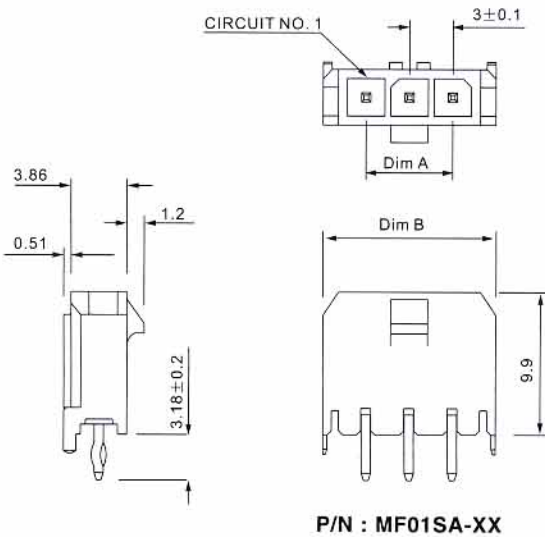


### Specifications:

- Current rating : 7.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 10 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1500V AC/minute
- Temperature range : -25°C to +125°C

### Material and Finish:

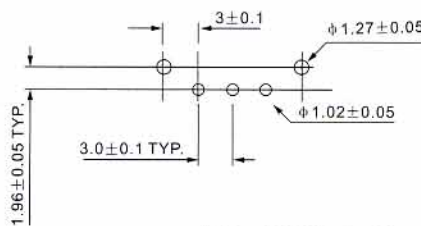
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper alloy
- Finish : Tin Plated.



### Engineering Dimension

Circuits	Dimensions	
	A	B
2	3.0	9.0
3	6.0	12.0
4	9.0	15.0
5	12.0	18.0
6	15.0	21.0
7	18.0	24.0
8	21.0	27.0
9	24.0	30.0
10	27.0	33.0
11	30.0	36.0
12	33.0	39.0

### Recommended PCB Layout



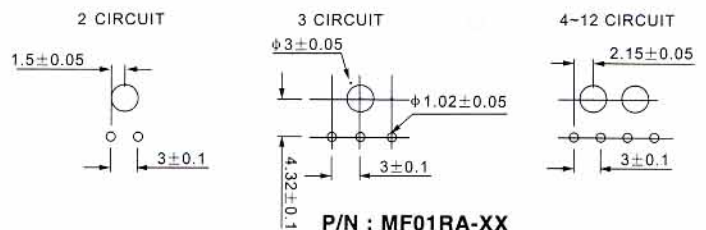
P/N : MF01SA-XX

### Ordering Information

**MF01S(R)A-XX**

①      ②

① SA: Straight RA: R/A Type	② No. of Contacts
--------------------------------	-------------------



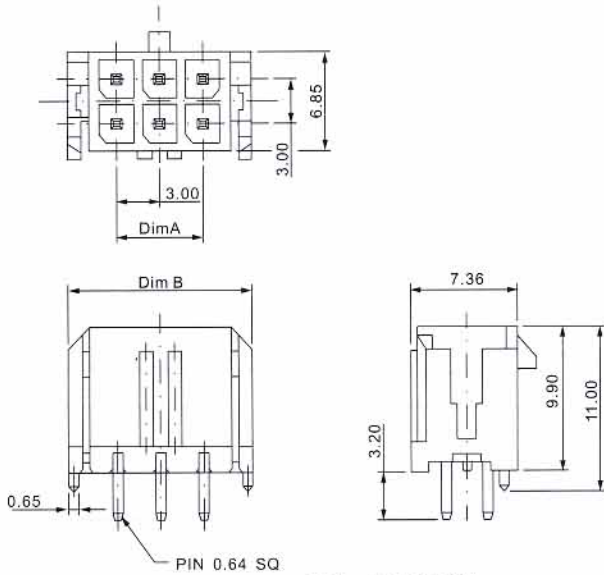
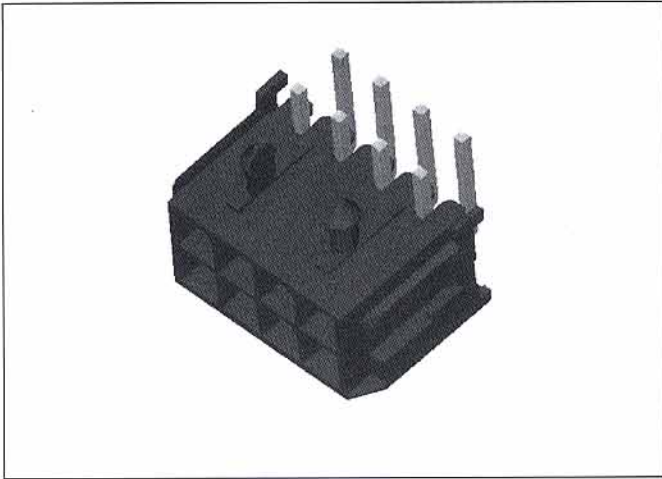
Unit:mm

### Specifications:

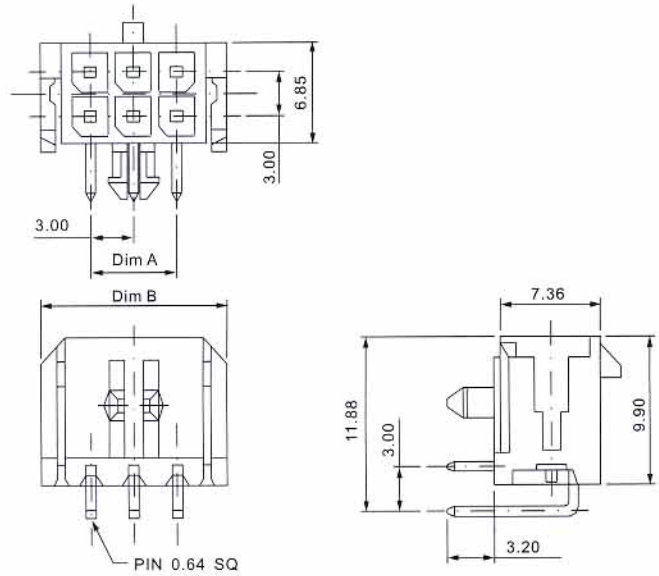
Current rating : 7.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 10 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -25°C to +125°C

### Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated.



P/N : MF01S-XX

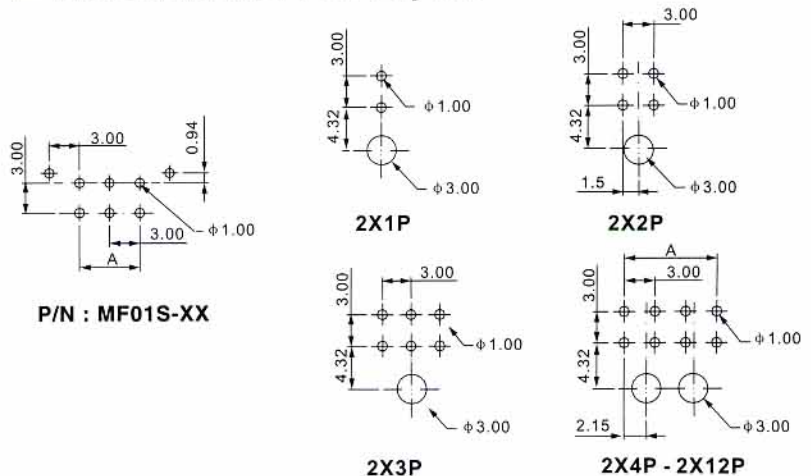


P/N : MF01R-XX

### Engineering Dimension

Circuits	Ordering Information & Dimensions:	
	Dimensions	
	A	B
02	-	6.65
04	3.00	9.65
06	6.00	12.65
08	9.00	15.65
10	12.00	18.65
12	15.00	21.65
14	18.00	24.65
16	21.00	27.65
18	24.00	30.65
20	27.00	33.65
22	30.00	36.65
24	33.00	39.65

### Recommended PCB Layout



P/N : MF01S-XX

P/N : MF01R-XX

### Ordering Information

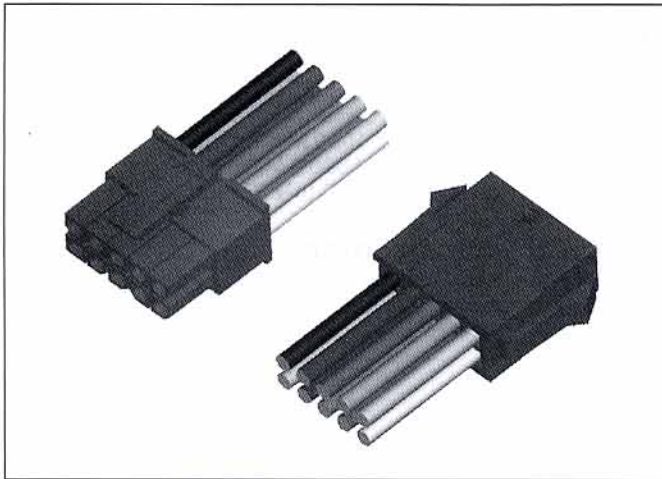
**MF01S-XX**  
①      ②

① S: Straight  
R: R/A Type

② No. of Contacts:  
2-24 Ways

Unit:mm



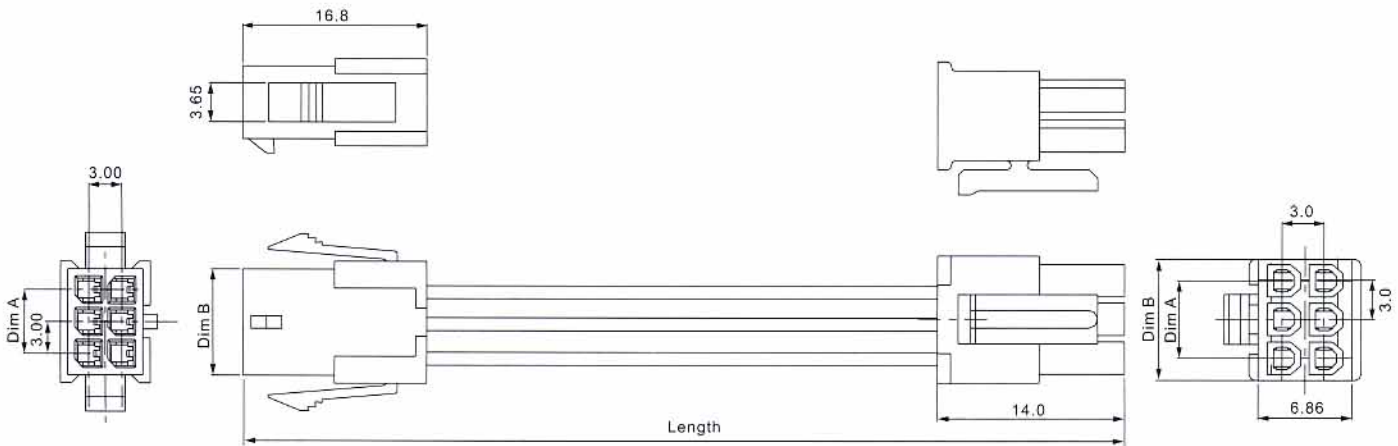


**Specifications:**

Current rating : 2.5A AC/DC  
 Voltage rating : 250V AC/DC  
 Contact resistance : 10 m ohm max  
 Insulation resistance : 1000 M ohm min  
 Withstanding voltage : 1500V AC/minute  
 Temperature range : -25°C to +125°C

**Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Copper Alloy  
 Finish : Tin Plated.



P/N : MF01PH-XX

P/N : MF01RH-XX

**Engineering Dimension**

P/N : MF01PH-XX

Circuits	Dimension			
	A	B	C	D
2	---	3.85	4.21	7.90
4	3.0	6.85	7.21	10.90
6	6.0	9.85	10.21	13.89
8	9.0	12.85	13.21	16.89
10	12.0	15.85	16.21	19.89
12	15.0	18.86	19.21	22.89
14	18.0	21.85	22.20	25.88
16	21.0	24.85	25.20	28.88
18	24.0	27.85	28.20	31.88
20	30.0	30.85	31.22	34.87
22	30.0	33.85	34.22	37.87
24	33.0	36.85	37.22	40.87

**Engineering Dimension**

P/N : MF01RH-XX

Circuits	Dimension	
	A	B
2	---	3.85
4	3.0	6.85
6	6.0	9.85
8	9.0	12.85
10	12.0	15.85
12	15.0	18.86
14	18.0	21.85
16	21.0	24.85
18	24.0	27.85
20	30.0	30.85
22	30.0	33.85
24	33.0	36.85

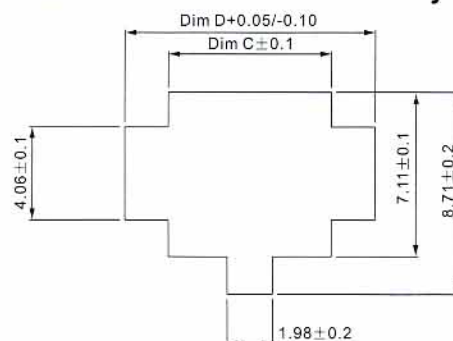
**Ordering Information**

**MF01PH-XX**

① ②

① MF01PH : Plug Housing MF01RH : Receptacle Housing	② No. of Contacts: 2-24 Ways
--	---------------------------------

**Recommended PCB Layout**



P/N : MF01PH-XX (Recommended Plating thickness:1.57mm)

Unit:mm



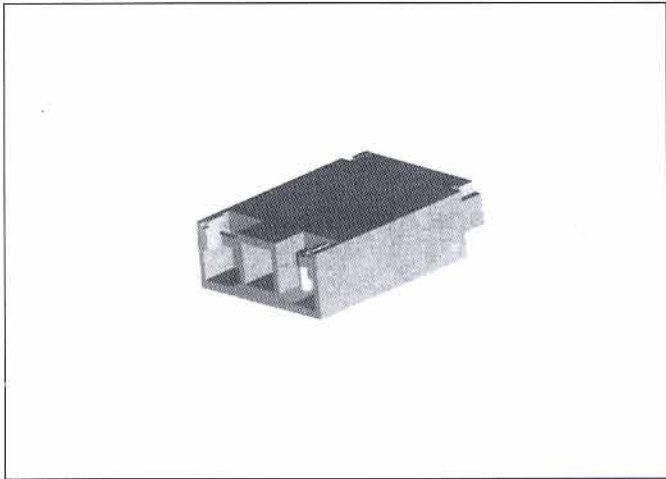
Eltron Interconnection  
System Pte Ltd

# 3.5mm Wire to Board Wafer SMD Type

UL Certification E224689

WB15 Series

## Wire to Board

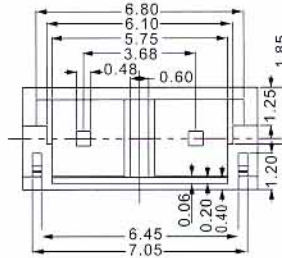
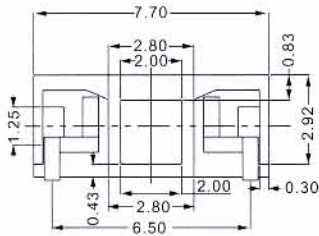
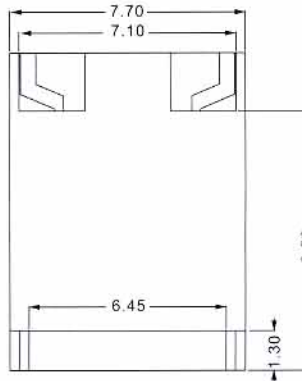
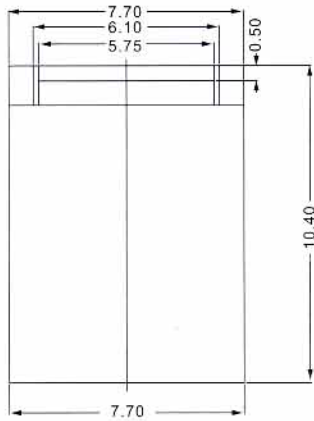


### Specifications:

- Current rating : 1.0A AC/DC
- Voltage rating : 1400V AC/DC
- Contact resistance : 10 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 3800V AC/minute
- Temperature range : -25°C to +85°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated



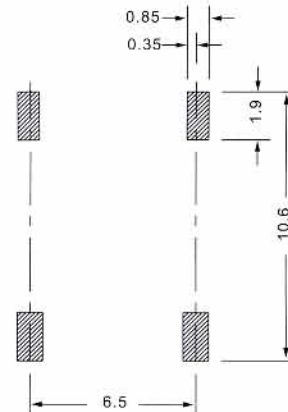
### Ordering Information

**WB15SM-02**

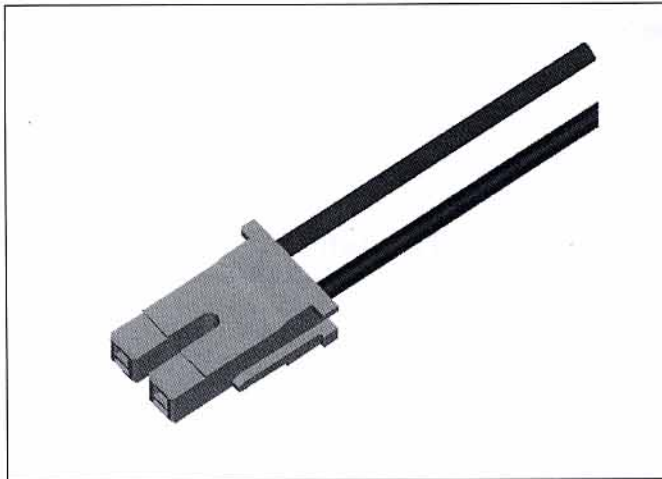
①      ②

① SMD Type	② No. of Contacts
------------	-------------------

### Recommended PCB Layout



Unit:mm

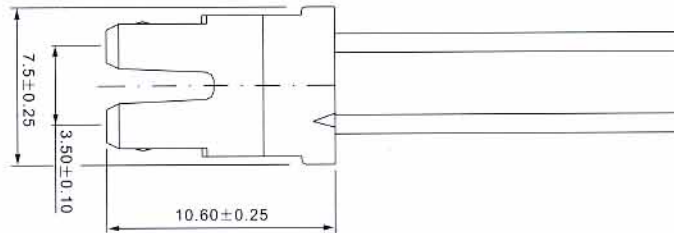
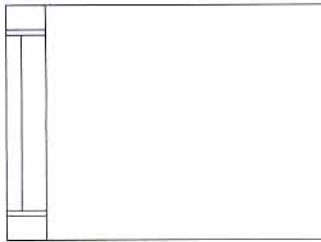


■ **Specifications:**

Current rating : 1.0A AC/DC  
Voltage rating : 130V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 800V AC/minute  
Temperature range : -25°C to +85°C

■ **Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze  
Finish : Tin Plated



Mating Part No.:  
P/N : WB15SM-02



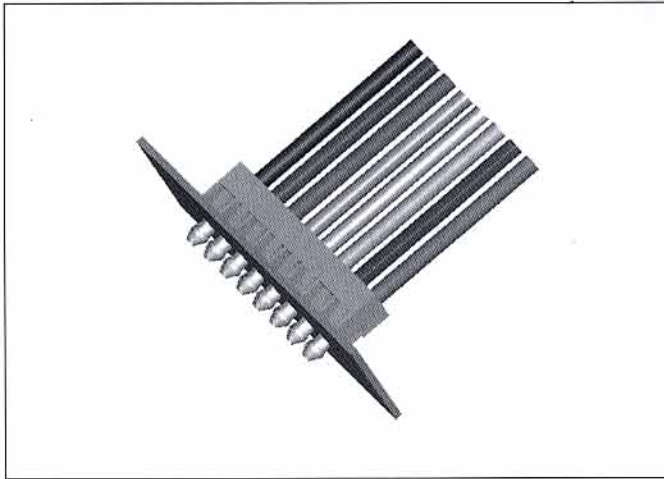
■ **Ordering Information**

**WB15H—02**  
①      ②

① Housing	② No. of Contacts
-----------	-------------------

**Unit:mm**



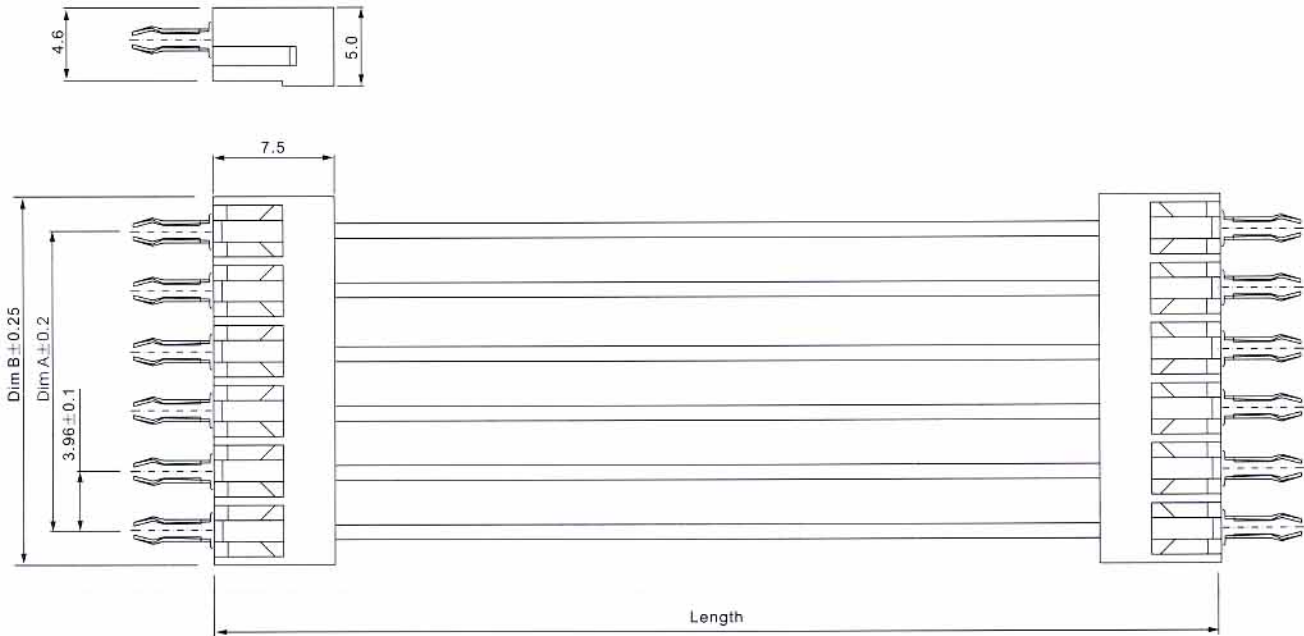


### ■ Specifications:

Current rating : 7.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 800V AC/minute.  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated.



### ■ Ordering Information

**PW03H-XX**  
① ②

① Housing	② No. of Contacts
-----------	-------------------

### ■ Engineering Dimension

POLES	DIM:(mm)		POLES	DIM:(mm)	
	A	B		A	B
2	3.96	8.56	9	31.68	36.28
3	7.92	12.52	10	35.64	40.24
4	11.88	16.48	11	39.6	44.2
5	15.84	20.44	12	43.56	48.16
6	19.8	24.4	13	47.52	52.12
7	23.76	28.36	14	51.48	56.08
8	27.72	32.32	15	55.44	60.04

Unit:mm

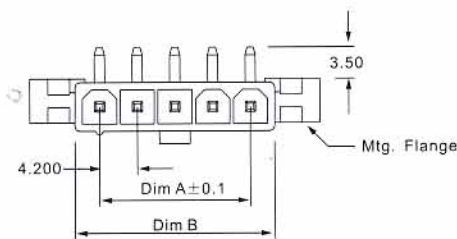


### ■ Specifications:

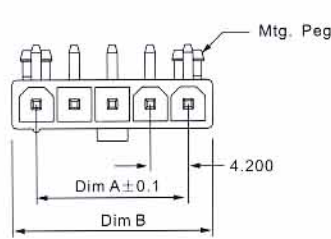
Current rating : 7.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 10 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -40°C to +105°C

### ■ Material and Finish:

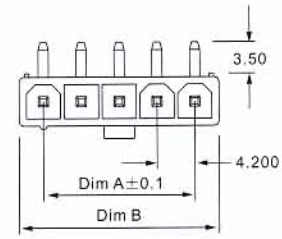
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated.



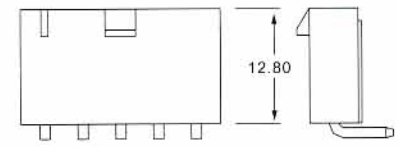
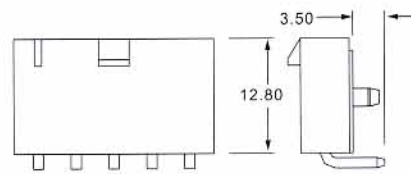
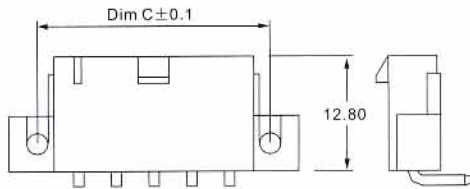
**P/N : MF02RA-XX  
With Mtg Flanges**



**P/N : MF02RA-XX-PG-01  
With Mtg Peg**



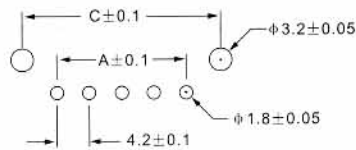
**P/N : MF02RA-XX-01  
W/O Mtg Flanges & Mtg Pegs**



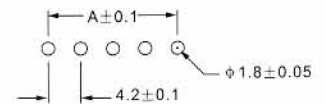
### ■ Engineering Dimension

Circuits	Dim. A	Dim. B	Dim. C
2	4.2	9.6	13.2
3	8.4	13.8	17.4
4	12.6	18.0	21.6
5	16.8	22.2	25.8
6	21.0	26.4	30.0

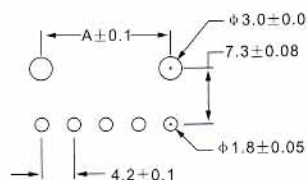
### ■ Recommended PCB Layout



**P/N : MF02RA-XX**



**P/N : MF02RA-XX-01**



**P/N : MF02RA-XX-PG-01**

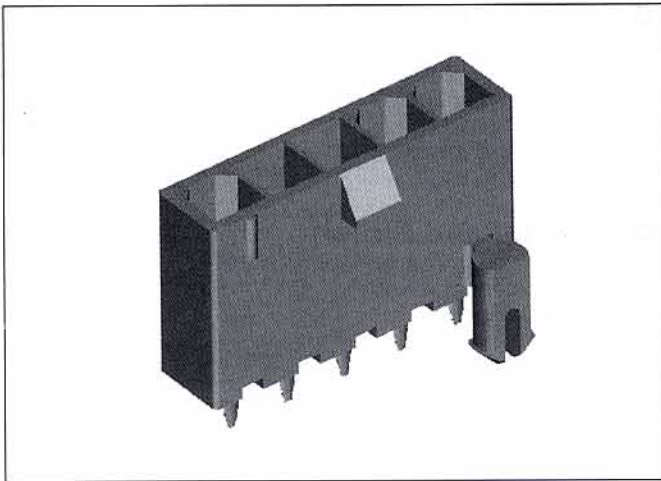
### ■ Ordering Information

**MF02RA-XX**

①      ②

① R/A Single Row	② No. of Contacts
------------------	-------------------

**Unit:mm**

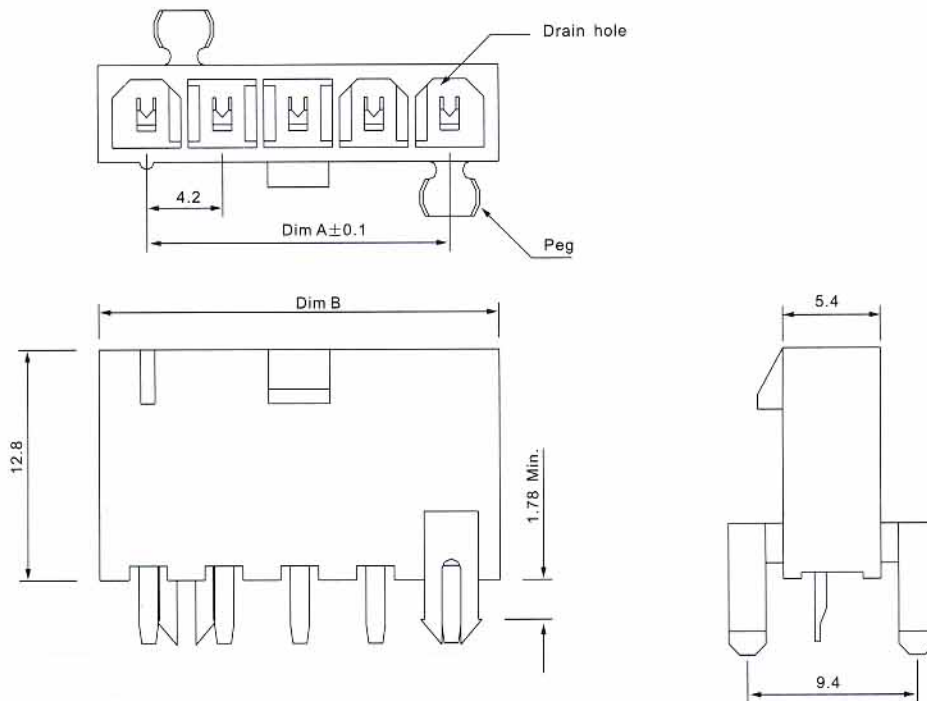


### ■ Specifications:

Current rating : 7.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 10 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -40°C to +105°C

### ■ Material and Finish:

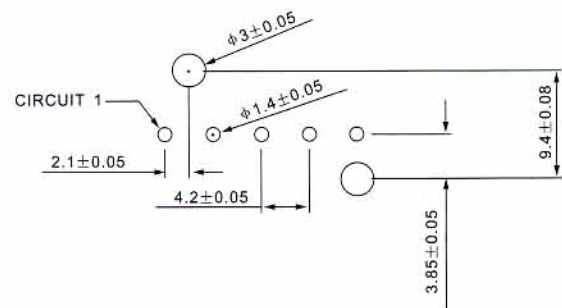
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated.



### ■ Engineering Dimension

Circuits	Dim. A	Dim. B
2	4.20	9.60
3	8.40	13.80
4	12.60	18.00
5	16.80	22.20
6	21.00	26.40

### ■ Recommended PCB Layout



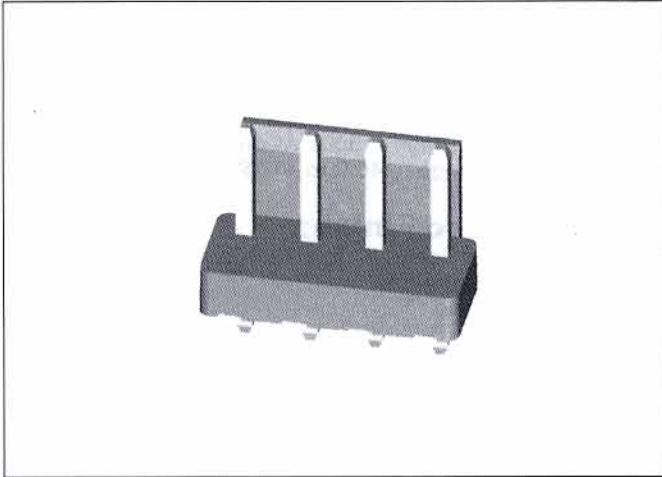
### ■ Ordering Information

**MF02SA** — **XX** — **XX**  
①   ②   ③

① Straight Single Row	② No. of Contacts	③ Blank W/O Pegs With drain holes 01: With Pegs With drain holes
-----------------------	-------------------	---

**Unit:mm**



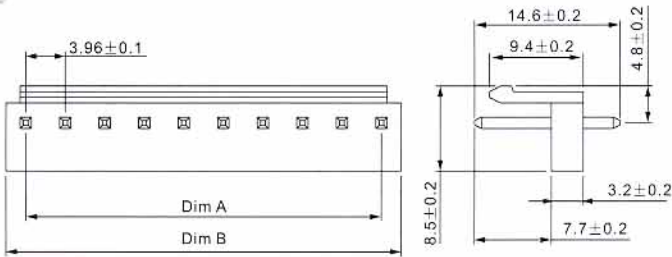


### ■ Specifications:

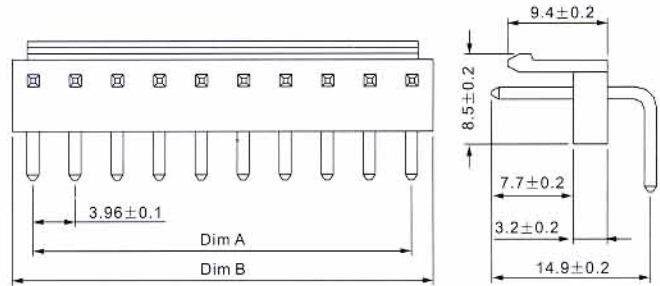
Current rating : 5.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated



P/N : PW02S-XX

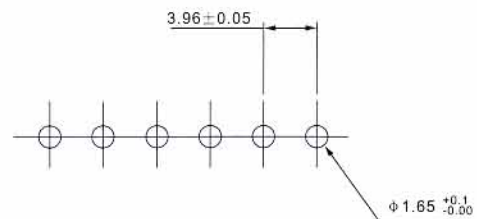


P/N : PW02R-XX

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	3.96	7.92
3	7.92	11.88
4	11.88	15.84
5	15.84	19.80
6	19.80	23.76
7	23.76	27.72
8	27.72	31.68
9	31.68	35.64
10	35.64	39.60
11	39.60	43.56
12	43.56	47.52
13	47.52	51.48
14	51.48	55.44
15	55.44	59.40

### ■ Recommended PCB Layout



### ■ Ordering Information

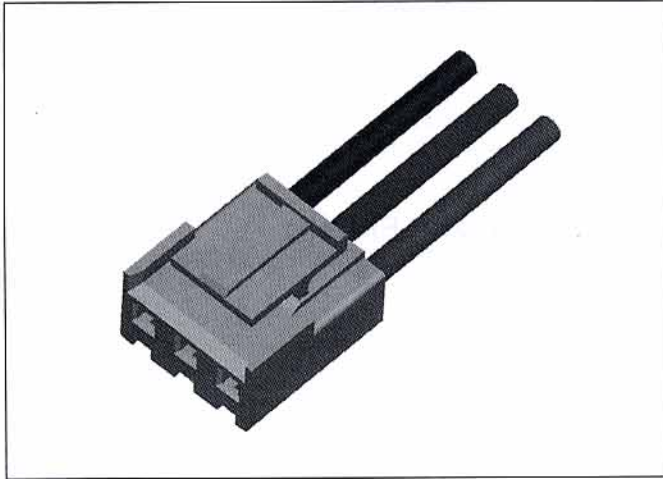
**PW02S(R)—XX**

①      ②

① S: Straight  
R: Right Angle

② No. of Contacts:  
2-15 Ways

Unit:mm

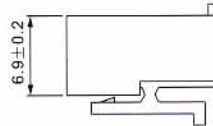


■ **Specifications:**

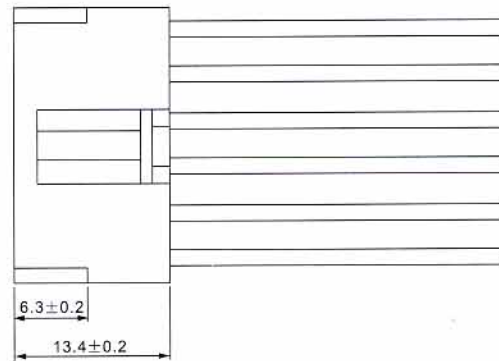
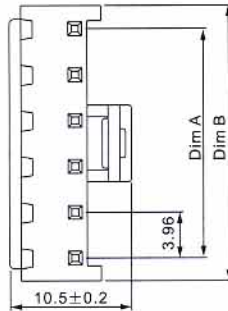
Current rating : 7.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -25°C to +85°C

■ **Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated.



Mating Part No.:  
P/N : PW02S-XX  
P/N : PW02R-XX



■ **Ordering Information**

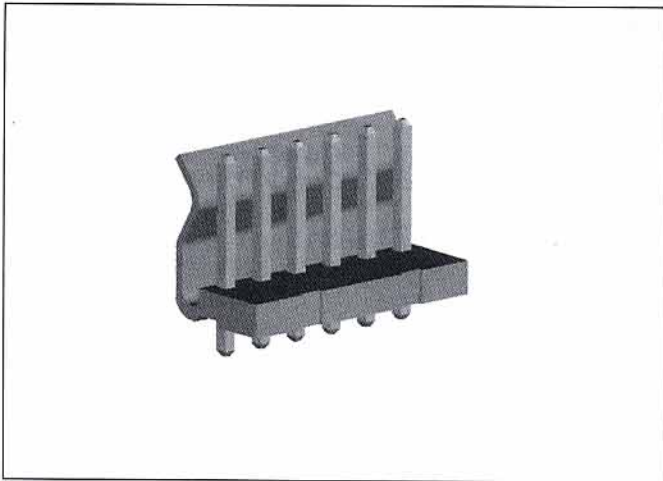
**PW02H-XX**  
①      ②

① H:Housing	② No. of Contacts: 2-15 Ways
-------------	---------------------------------

■ **Engineering Dimension**

CIRCUITS	DIM. A	DIM. B
2	3.96	7.92
3	7.92	11.88
4	11.88	15.84
5	15.84	19.80
6	19.80	23.76
7	23.76	27.72
8	27.72	31.68
9	31.68	35.64
10	35.64	39.60
11	39.60	43.56
12	43.56	47.52
13	47.52	51.48
14	51.48	55.44
15	55.44	59.40

Unit:mm

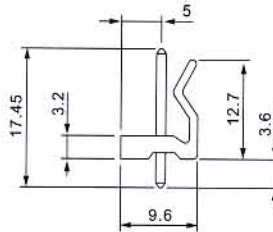
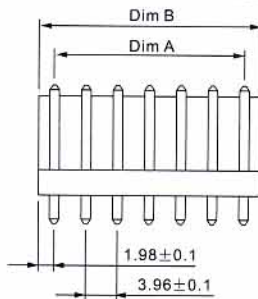


**Specifications:**

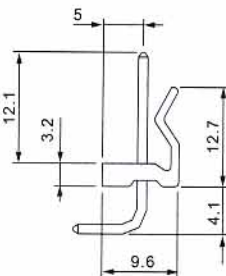
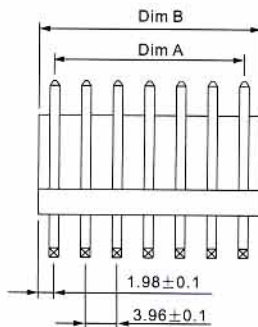
- Current rating : 5.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1500V AC/minute
- Temperature range : -25°C to +85°C

**Material and Finish:**

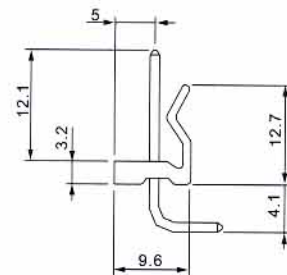
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Tin Plated



P/N : PW01S-XX



P/N : PW01R-XX

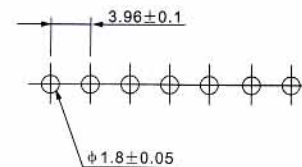


P/N : PW01RR-XX

**Engineering Dimension**

CIRCUITS	DIM. A	DIM. B
2	3.96	8.00
3	7.92	11.96
4	11.88	15.92
5	15.84	19.88
6	19.80	23.84
7	23.76	27.80
8	27.72	31.76
9	31.68	35.72
10	35.64	39.68
11	39.60	43.64
12	43.56	47.60
13	47.52	51.56
14	51.48	55.52
15	55.44	59.48
16	59.40	63.44
17	63.36	67.40
18	67.32	71.36
19	71.28	75.32
20	75.24	79.28

**Recommended PCB Layout**



**Ordering Information**

**PW01S/R/RR-XX**

①      ②

① S: Straight R: Right Angle RR: R/A Reverse	② No. Of Contacts: 2-15 Ways
--	---------------------------------

**Unit:mm**



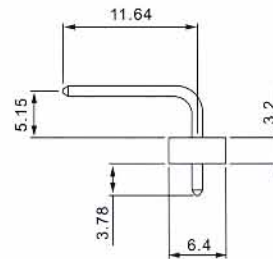
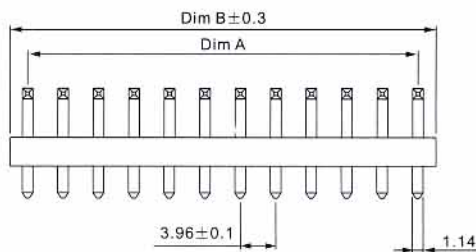


### ■ Specifications:

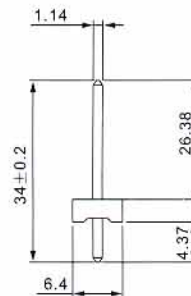
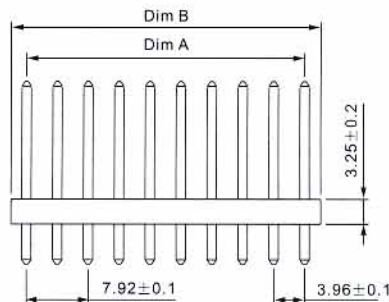
Current rating : 5.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated



P/N : PW01R-XX-01

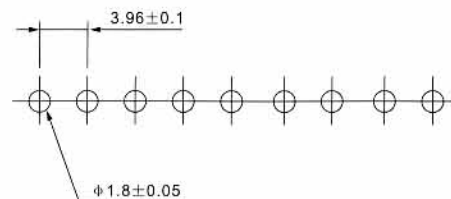


P/N : PW01S-XX-01

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	3.96	8.00
3	7.92	11.96
4	11.88	15.92
5	15.84	19.88
6	19.80	23.84
7	23.76	27.80
8	27.72	31.76
9	31.68	35.72
10	35.64	39.68
11	39.60	43.64
12	43.56	47.60
13	47.52	51.56
14	51.48	55.52
15	55.44	59.48
16	59.40	63.44
17	63.36	67.40
18	67.32	71.36
19	71.28	75.32
20	75.24	79.28

### ■ Recommended PCB Layout

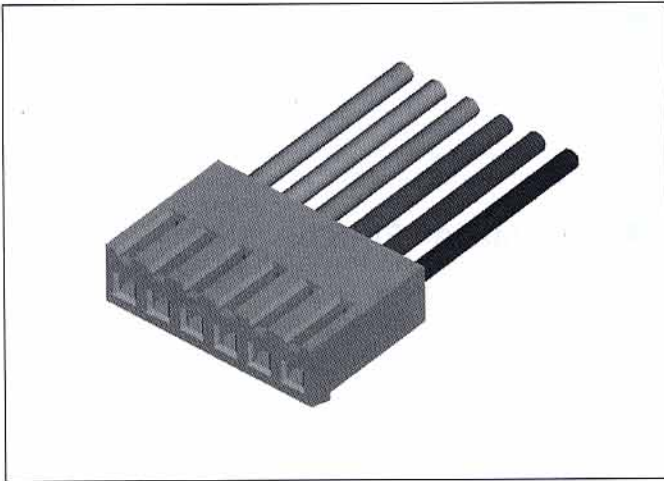


### ■ Ordering Information

**PW01S-XX-01**  
①      ②      ③

① S: Straight R: Right Angle	② No. of Position: 2-20 Ways	③ 01: W/O Lock
---------------------------------	---------------------------------	----------------

Unit:mm



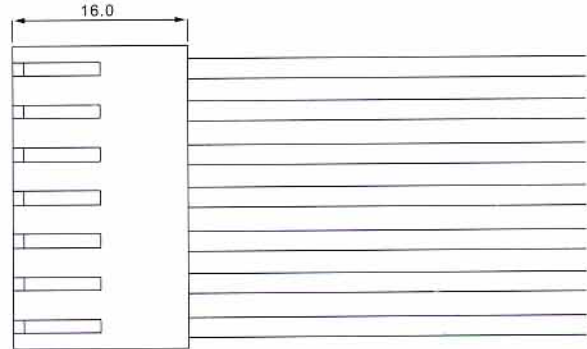
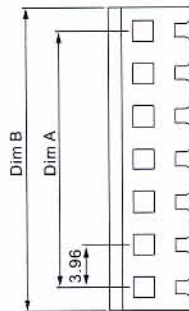
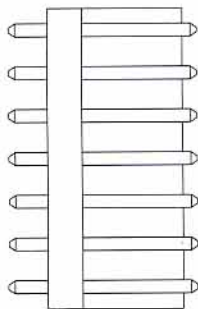
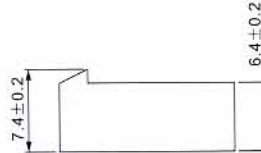
### ■ Specifications:

Current rating : 5.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated

Mating Part No.:  
P/N : PW01S-XX  
P/N : PW01R-XX  
P/N : PW01RR-XX  
P/N : PW01S-XX-01  
P/N : PW01R-XX-01



### ■ Ordering Information

**PW01H-XX**  
①      ②

① H:Housing

② No. of Contacts:  
2-16 Ways

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	3.96	8.70
3	7.92	12.66
4	11.88	16.62
5	15.84	20.58
6	19.80	24.54
7	23.76	28.50
8	27.72	32.46
9	31.68	36.42
10	35.64	40.38
11	39.60	44.34
12	43.56	48.30
13	47.52	52.26
14	51.48	56.22
15	55.44	60.18
16	59.40	64.14

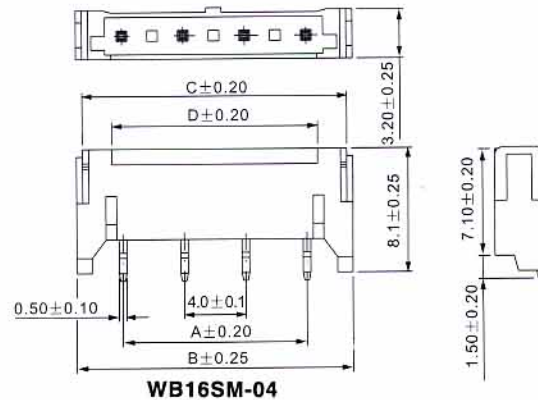
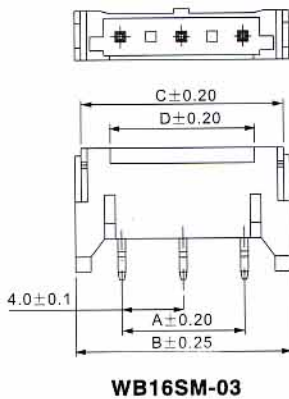
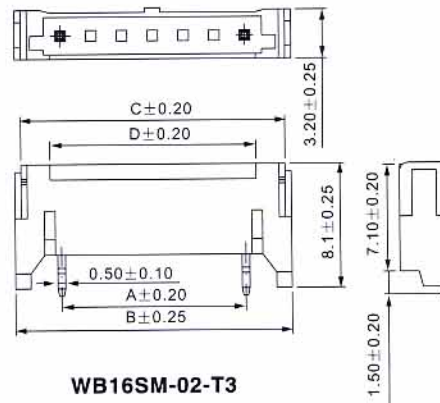
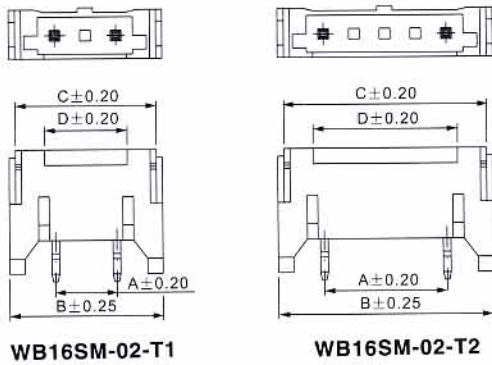
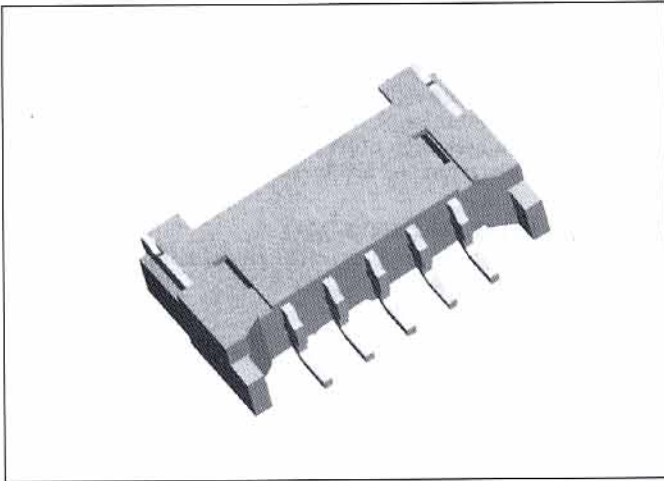
Unit:mm

### ■ Specifications:

Current rating : 1.0A AC/DC  
Voltage rating : 130V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 800V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated.



### ■ Engineering Dimension

PART Number	Dimensions				PCS/REEL
	A	B	C	D	
WB16SM-02-T1	4.00	10.00	9.20	5.40	1,000
WB16SM-02-T2	8.00	14.00	13.20	9.40	1,000
WB16SM-02-T3	12.00	18.00	17.20	13.40	1,000
WB16SM-03	8.00	14.00	13.20	9.40	1,000
WB16SM-04	12.00	18.00	17.20	13.40	1,000

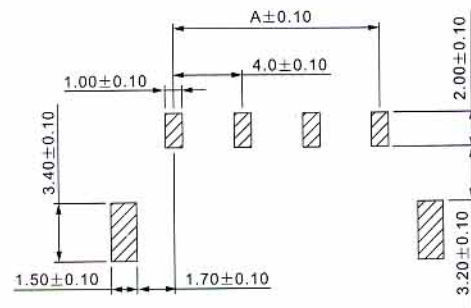
### ■ Ordering Information

**WB16SM-XX-XX**

①      ②      ③

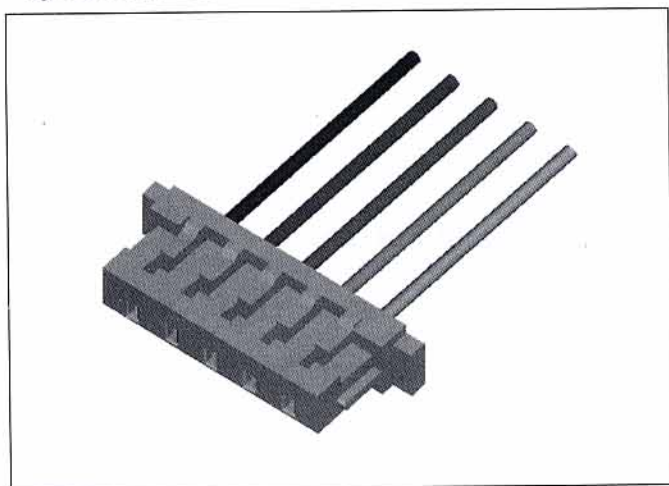
① SM:SMD Type	② No. of Contacts	③ T1,T2,T3 Type 2 Ways Only
---------------	-------------------	--------------------------------

### ■ Recommended PCB Layout



Unit:mm



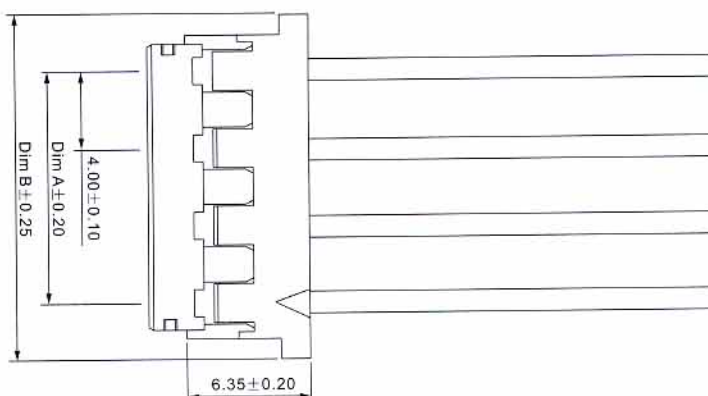
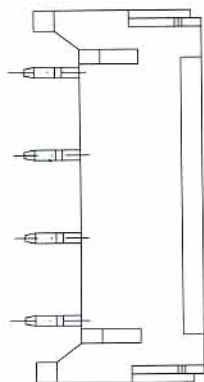


### ■ Specifications:

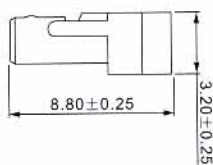
Current rating : 1.0A AC/DC  
Voltage rating : 130V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 800V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated.



Mating Part No.:  
P/N : WB16SM Series



### ■ Ordering Information

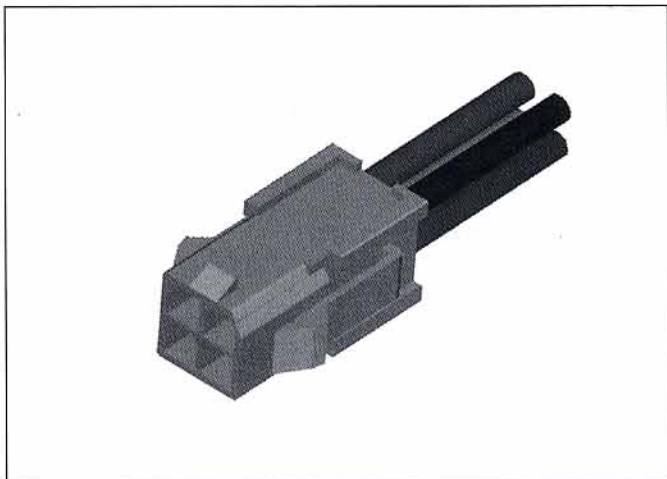
**WB16H-XX**  
①      ②

① H:Housing	② No. of Contacts
-------------	-------------------

### ■ Engineering Dimension

PART Number	Dimensions		PCS/BAG
	A	B	
WB16H-02	4.00	9.80	1,000
WB16H-03	8.00	13.80	1,000
WB16H-04	12.00	17.80	1,000

Unit:mm



### ■ Specifications:

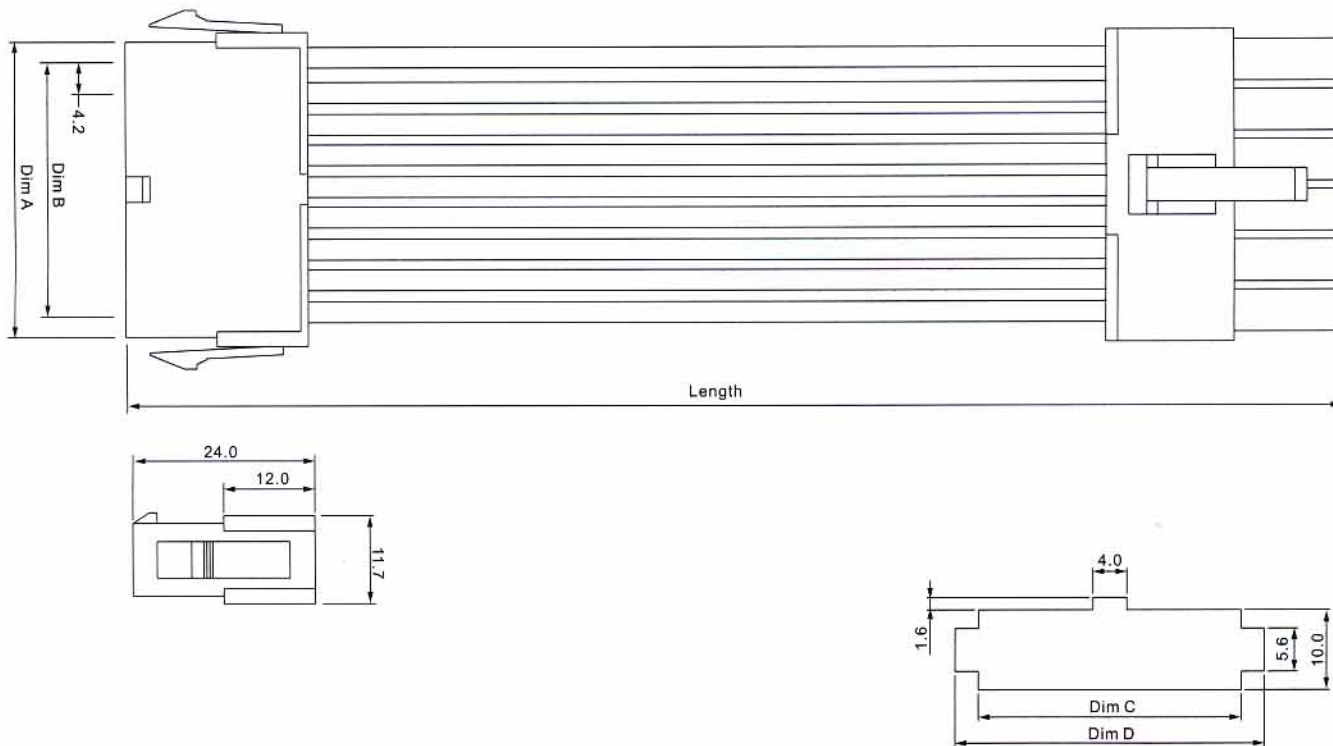
- Current rating : 7.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1500V AC/minute
- Temperature range : -25°C to +125°C

### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Tin Plated

P/N : MF02PH-XX

P/N : MF02RH-XX



### ■ Ordering Information

**MF02PH-XX**

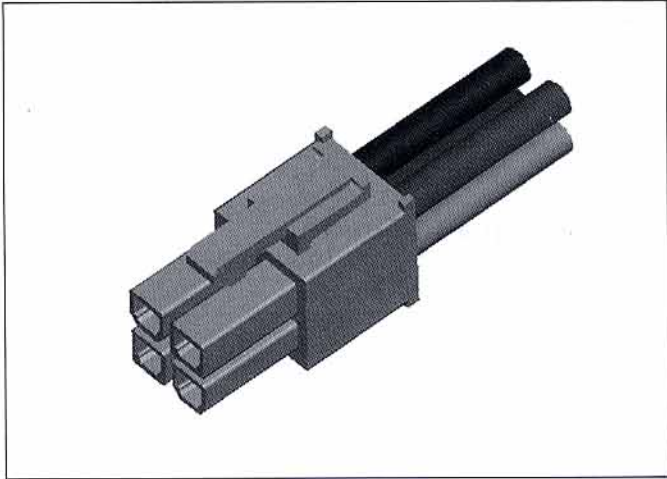
①                      ②

① Housing	② No. of Contacts
-----------	-------------------

### ■ Engineering Dimension

Circuits	Dim. A	Dim. B	Dim. C	Dim. D
2	5.60		6.00	11.00
4	9.80	4.20	10.20	15.20
6	14.00	8.40	14.40	19.40
8	18.20	12.60	18.60	23.60
10	22.40	16.80	22.80	27.80
12	26.60	21.00	27.00	32.00
14	30.80	25.20	31.20	36.20
16	35.00	29.40	35.40	40.40
18	39.20	33.60	39.60	44.60
20	43.40	37.80	43.80	48.80
22	47.60	42.00	48.00	53.00
24	51.80	46.20	52.20	57.20

Unit:mm



**Specifications:**

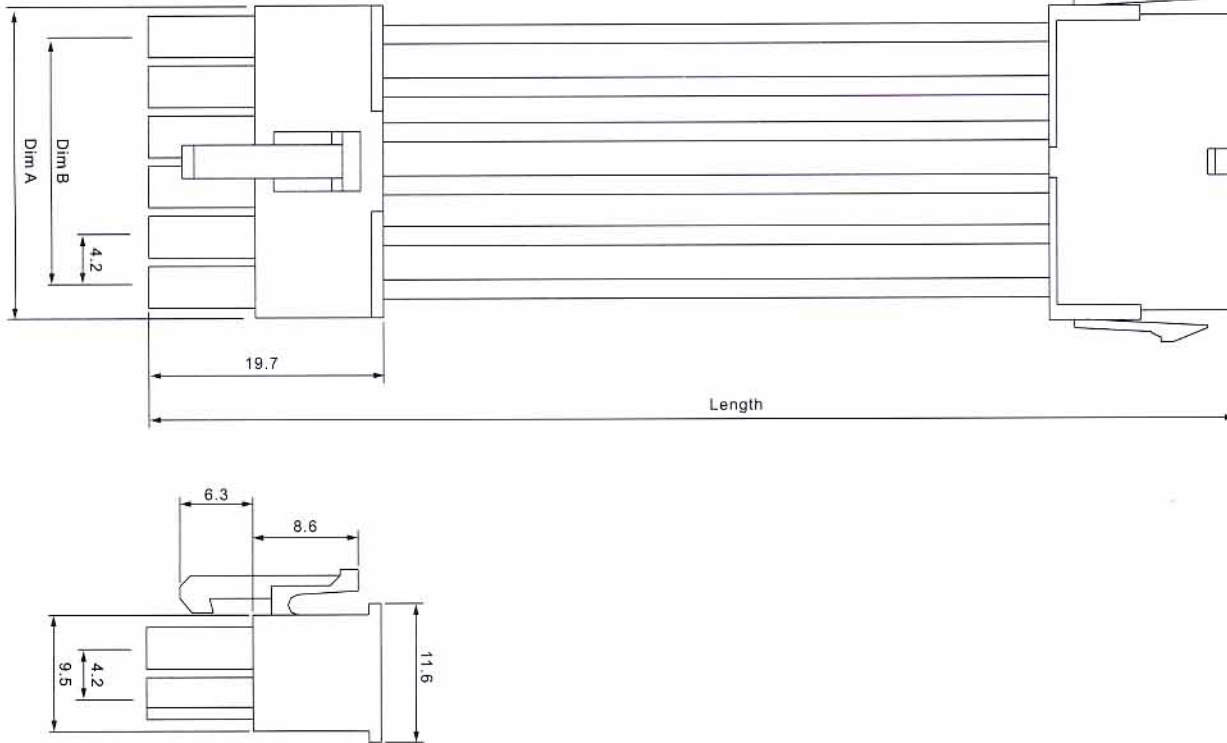
- Current rating : 9.0A AC/DC
- Voltage rating : 100V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1500V AC/minute
- Temperature range : -25°C to +85°C

**Material and Finish:**

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Phosphor Bronze
- Finish : Tin Plated.

P/N : MF02RH-XX

P/N : MF02PH-XX



**Ordering Information**

**MF02RH-XX**

①                      ②

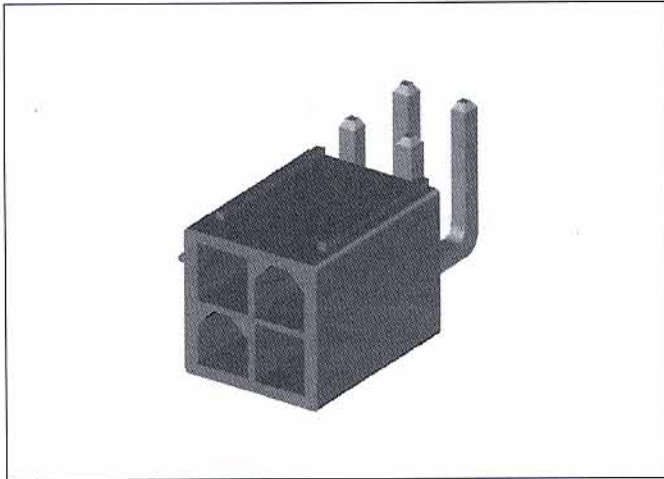
① Housing Receptacle	② No. Of contacts
----------------------	-------------------

**Engineering Dimension**

Circuits	Dim. A	Dim. B
2	5.50	
4	9.70	4.20
6	13.90	8.40
8	18.10	12.60
10	22.30	16.80
12	26.50	21.00
14	30.70	25.20
16	34.90	29.40
18	39.10	33.60
20	43.30	37.80
22	47.50	42.00
24	51.70	46.20

Unit:mm



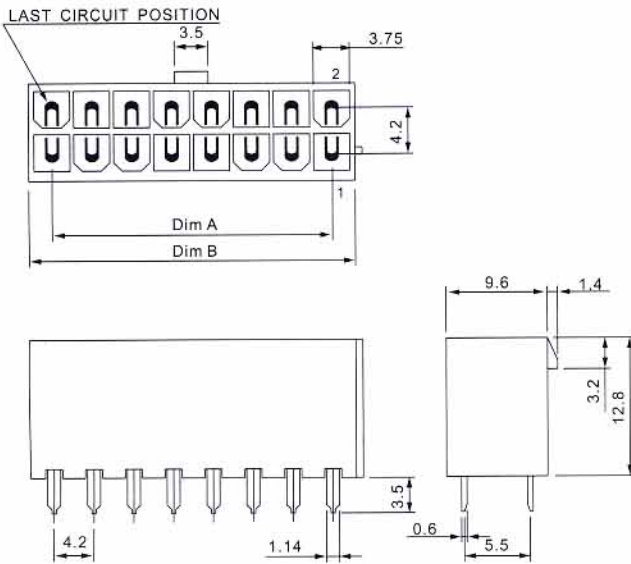


### Specifications:

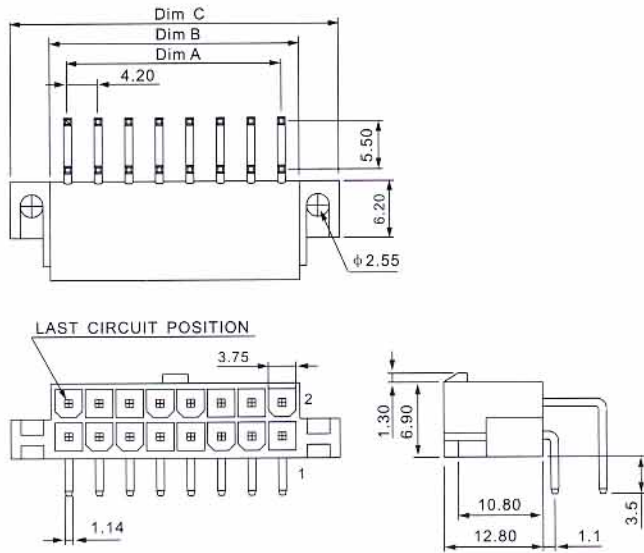
Current rating : 9.0A AC/DC  
Voltage rating : 600V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -40°C to +105°C

### Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated



P/N : MF02S-XX

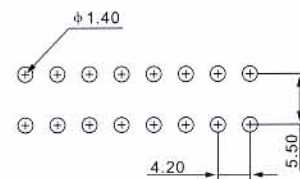


P/N : MF02R-XX

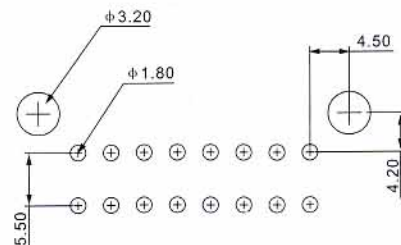
### Engineering Dimension

CIRCUITS	DIM. A	DIM. B	DIM. C
2		5.40	15.40
4	4.20	9.60	19.60
6	8.40	13.80	23.80
8	12.60	18.00	28.00
10	16.80	22.20	32.20
12	21.00	26.40	36.40
14	25.20	30.60	40.60
16	29.40	34.80	44.80
18	33.60	39.00	49.00
20	37.80	43.20	53.20
22	42.00	47.40	57.40
24	46.20	51.60	61.60

### Recommended PCB Layout



P/N : MF02S-XX



P/N : MF02R-XX

### Ordering Information

**MF02S-XX**  
**MF02R-XX**

①      ②

① S: Straight Type  
R: R/A Type

② No. of Contacts

Unit:mm



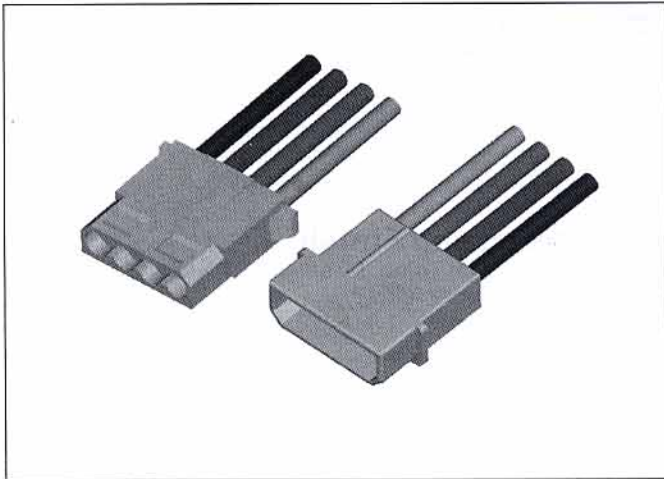
# 5.08mm Power Connector

UL Certification E224689

Eltron Interconnection System Pte Ltd

## PW07FH & PW07MH Series

### Wire to Wire

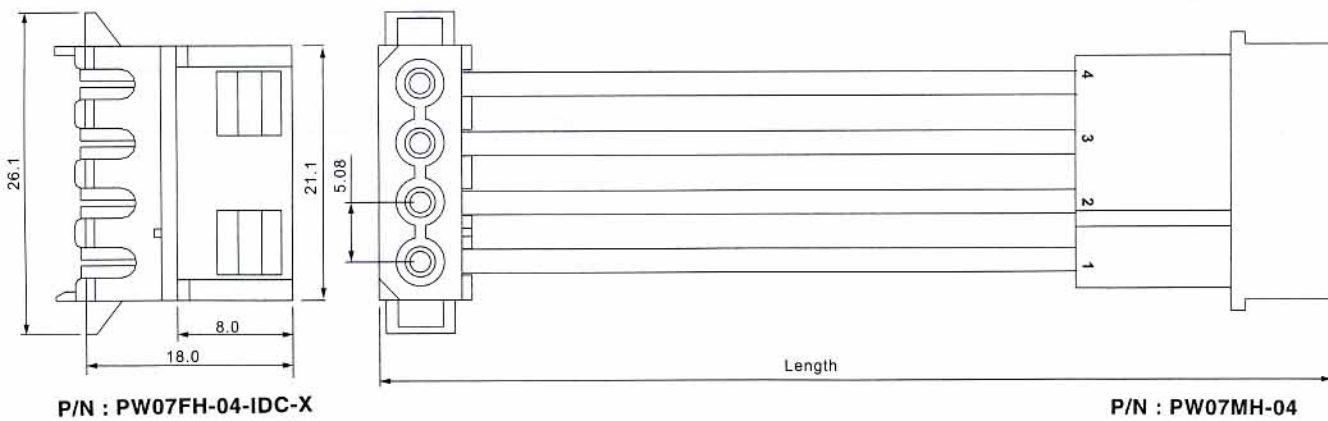
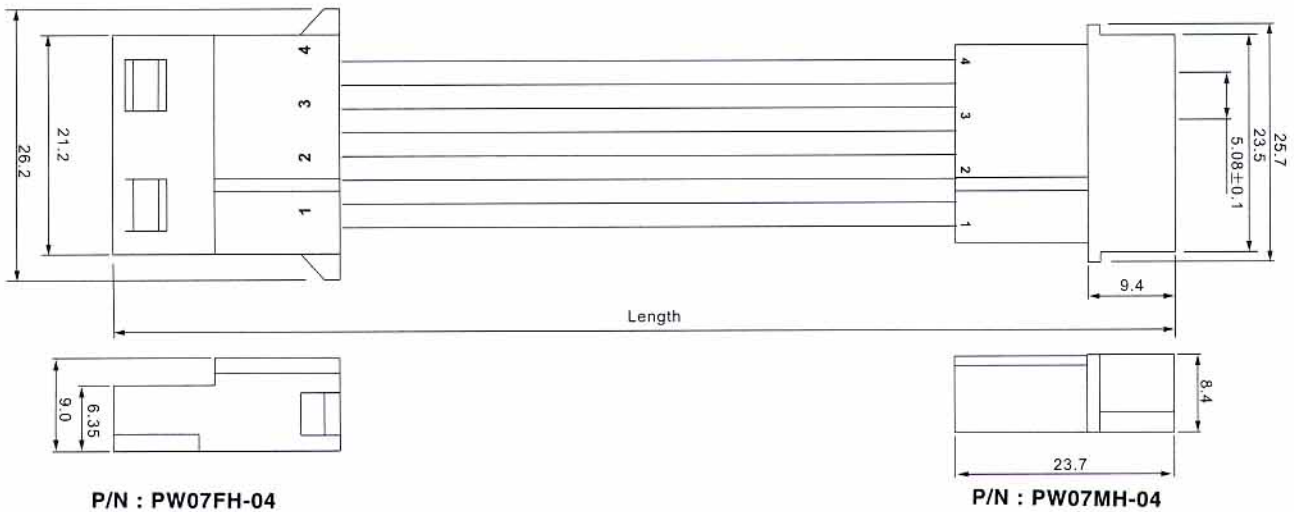


#### ■ Specifications:

- Current rating : 6.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1500V AC/minute
- Temperature range : -25°C to +120°C

#### ■ Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Tin Plated.



#### ■ Ordering Information

**PW07FH/PW07MH-04**

①                      ②

- |  |                   |
|--|-------------------|
| ① PW07FH : Receptacle Housing<br>PW07MH : Plug Housing | ② No. Of contacts |
|--|-------------------|

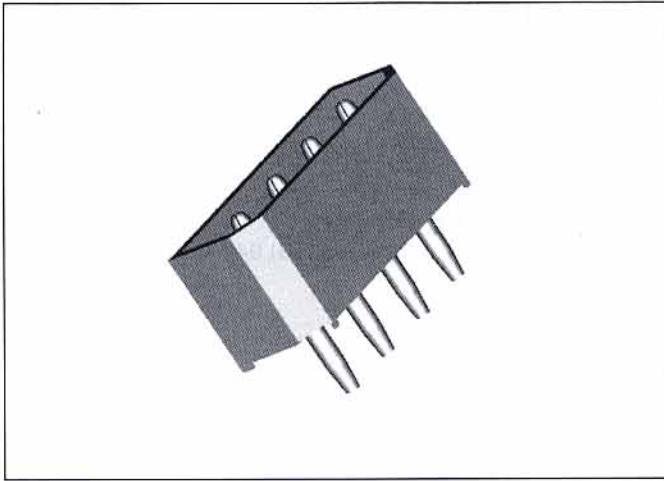
#### ■ Ordering Information

**PW07FH-04-IDC-X**

①                      ②                      ③                      ④

- |                      |                   |            |                                      |
|----------------------|-------------------|------------|--------------------------------------|
| ① Receptacle Housing | ② No. Of contacts | ③ IDC Type | ④ A: With A Cover<br>B: With B Cover |
|----------------------|-------------------|------------|--------------------------------------|

Unit:mm

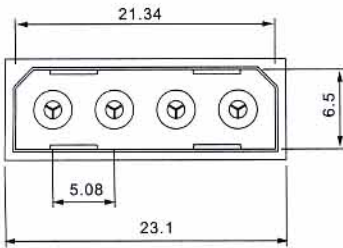


**Specifications:**

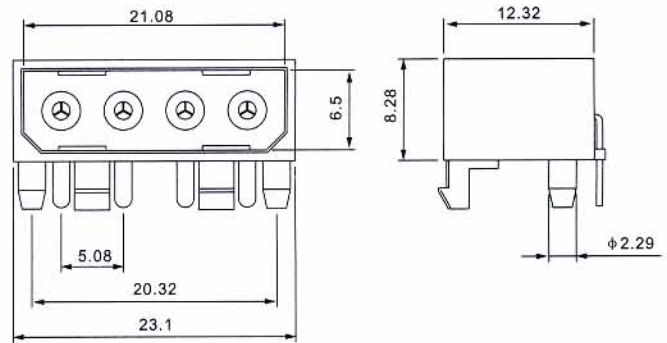
Current rating : 6.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 10 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -25°C to +85°C

**Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated..



P/N : PW07S-04



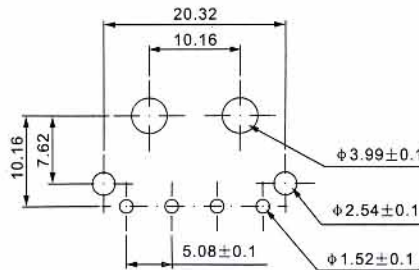
P/N : PW07R-04

**Ordering Information**

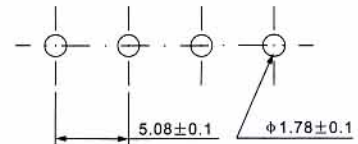
**PW07S-04**  
① ②

① S: Straight R: R/A Type	② No. of Contacts
------------------------------	-------------------

**Recommended PCB Layout**



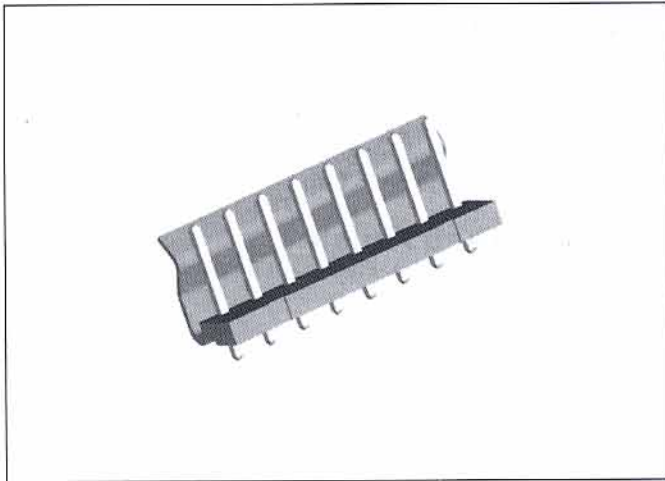
P/N : PW07R-04



P/N : PW07S-04

Unit:mm



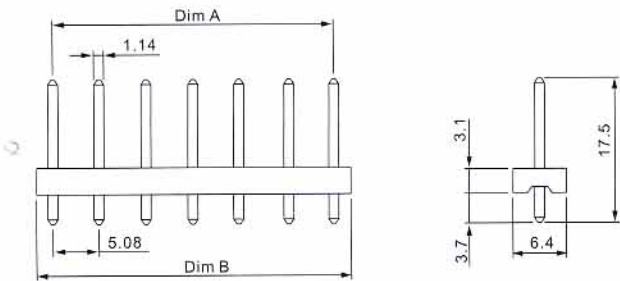


### Specifications:

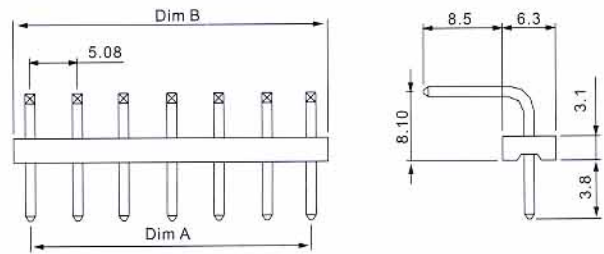
- Current rating : 5.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1500V AC/minute
- Temperature range : -25°C to +85°C

### Material and Finish:

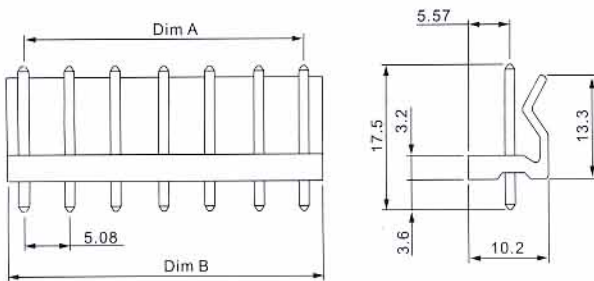
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Tin Plated.



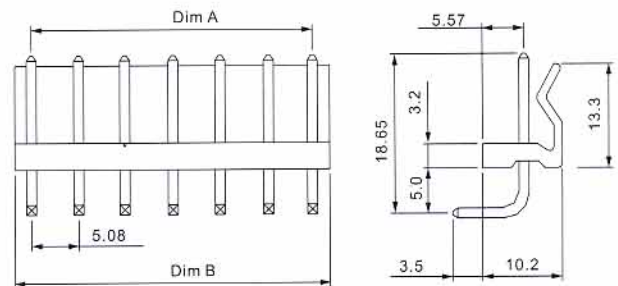
P/N : PW06S-XX-01



P/N : PW06R-XX-01



P/N : PW06S-XX



P/N : PW06R-XX

### Engineering Dimension

CIRCUIT	DIM. A	DIM. B
2	5.08	10.22
3	10.16	15.30
4	15.24	20.38
5	20.32	25.46
6	25.40	30.54
7	30.48	35.62
8	35.56	40.70
9	40.64	45.78
10	45.72	50.86

### Ordering Information

**PW06S(R)-XX-01**

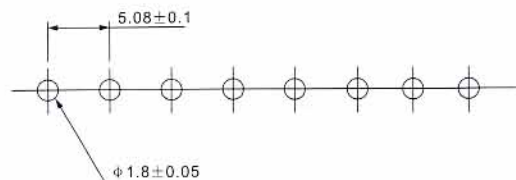
①      ②      ③

① S: Straight  
R: Right

② No. of Contacts

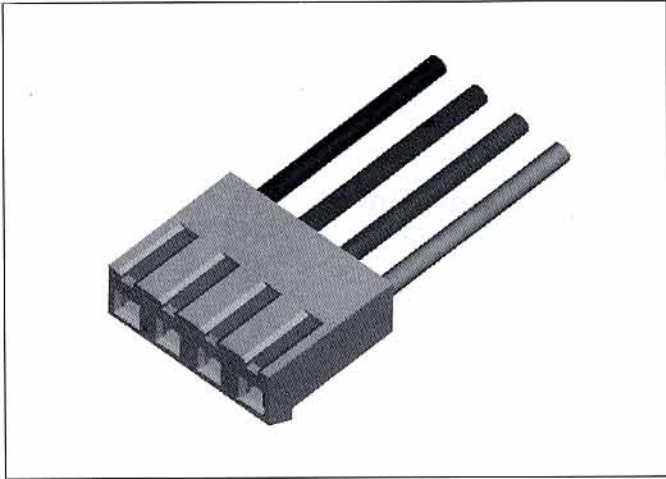
③ Blank: With Lock  
01: W/O Lock

### Recommended PCB Layout



Unit: mm

## Wire to Board



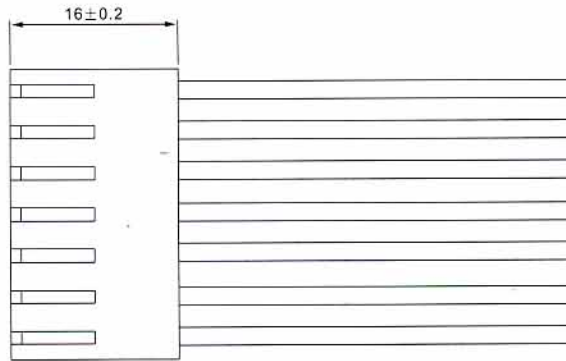
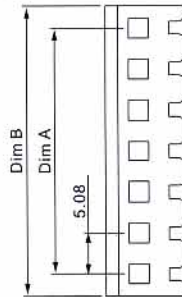
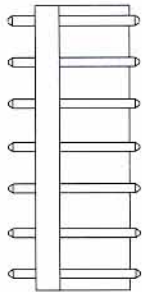
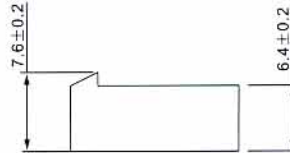
### Specifications:

- Current rating : 7.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1500V AC/minute
- Temperature range : -25°C to +85°C

### Material and Finish:

- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Tin Plated.

Mating Part No.:  
P/N : PW06S-XX-01  
P/N : PW06S-XX  
P/N : PW06R-XX-01  
P/N : PW06R-XX



### Ordering Information

**PW06H-XX**

①      ②

① H:Housing	② No. of Contacts: 2-10 Ways
-------------	---------------------------------

### Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	5.08	10.08
3	10.16	15.16
4	15.24	20.24
5	20.32	25.32
6	25.40	30.40
7	30.48	35.48
8	35.56	40.56
9	40.64	45.64
10	45.72	50.72

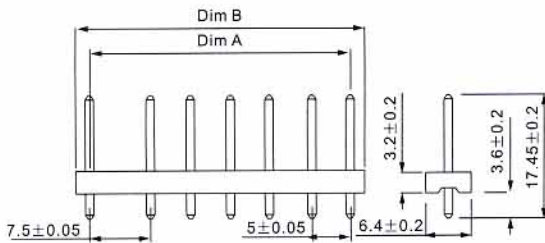
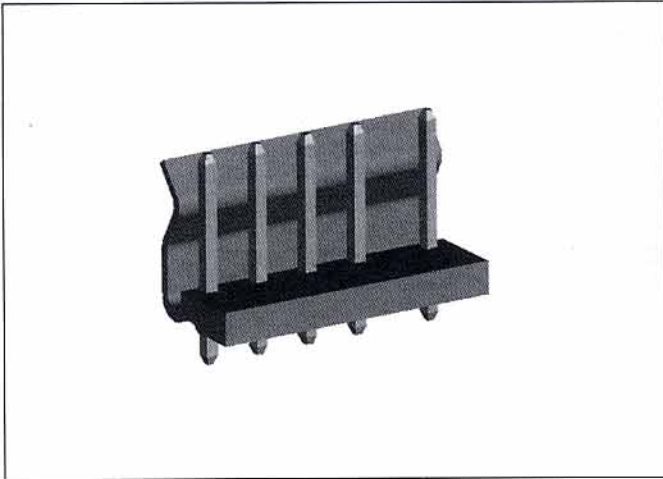
Unit:mm

### Specifications:

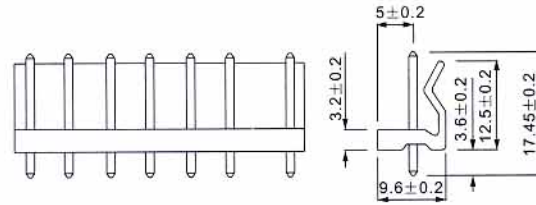
Current rating : 7.0A AC/DC  
 Voltage rating : 250V AC/DC  
 Contact resistance : 20 m ohm max  
 Insulation resistance : 1000 M ohm min  
 Withstanding voltage : 1500V AC/minute  
 Temperature range : -25°C to +85°C

### Material and Finish:

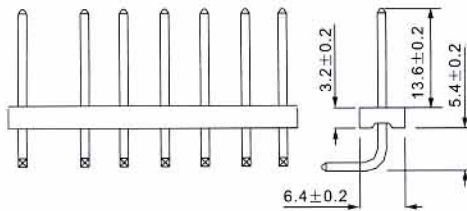
Insulator : High Temp. Plastic (UL94V-0)  
 Contact : Brass  
 Finish : Tin Plated.



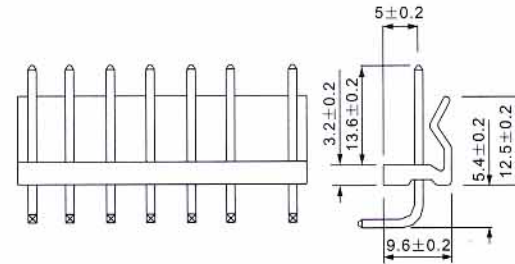
P/N : PW08S-XX-01



P/N : PW08S-XX



P/N : PW08R-XX-01



P/N : PW08R-XX

### Engineering Dimension

Position	DIMENSION		Position	DIMENSION	
	A	B		A	B
02	7.5	11.5	09	42.5	46.5
03	12.5	16.5	10	47.5	51.5
04	17.5	21.5	11	52.5	56.5
05	22.5	26.5	12	57.5	61.5
06	27.5	31.5	13	62.5	66.5
07	32.5	36.5	14	67.5	71.5
08	37.5	41.5	15	72.5	76.5

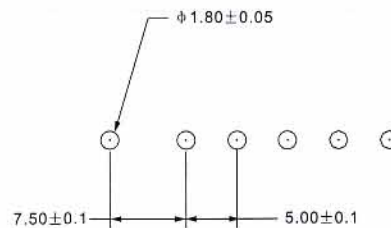
### Ordering Information

**PW08S-XX-01**

①      ②      ③

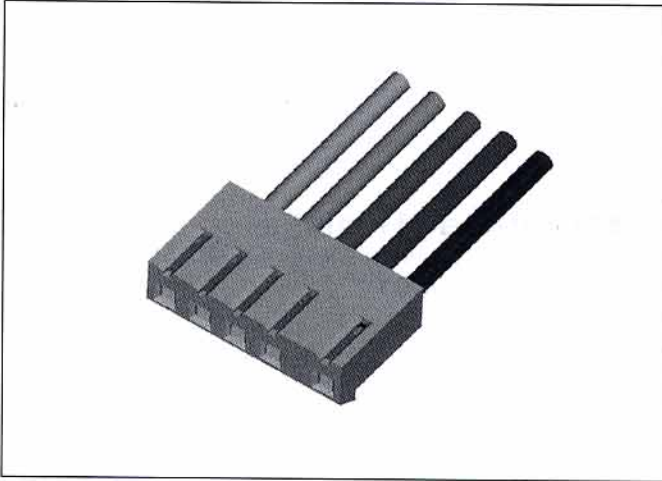
① S: Straight R: Right Angle	② No. of Contacts 2-15 Ways	③ Blank With Lock 01: W/O Lock
---------------------------------	--------------------------------	-----------------------------------

### Recommended PCB Layout



Unit:mm





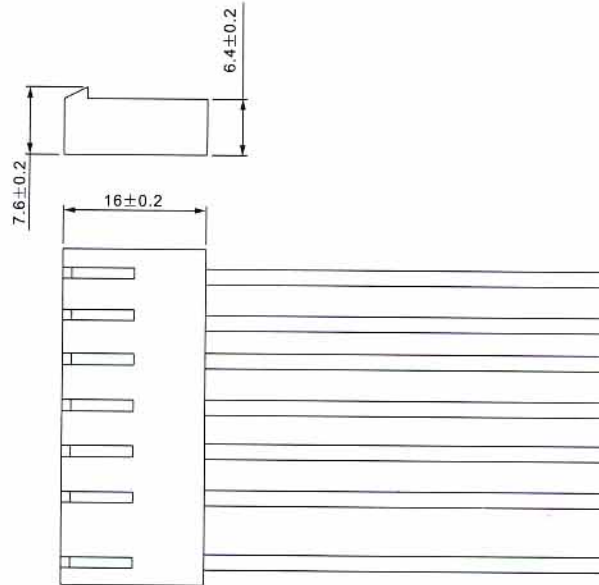
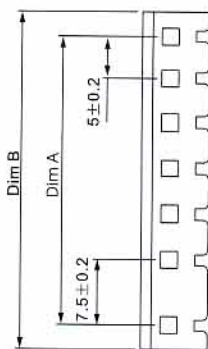
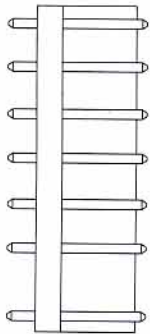
### ■ Specifications:

Current rating : 7.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Phosphor Bronze or Brass  
Finish : Tin Plated.

**Mating Part No.:**  
P/N : PW08S-XX  
P/N : PW08R-XX  
P/N : PW08S-XX-01  
P/N : PW08R-XX-01



### ■ Ordering Information

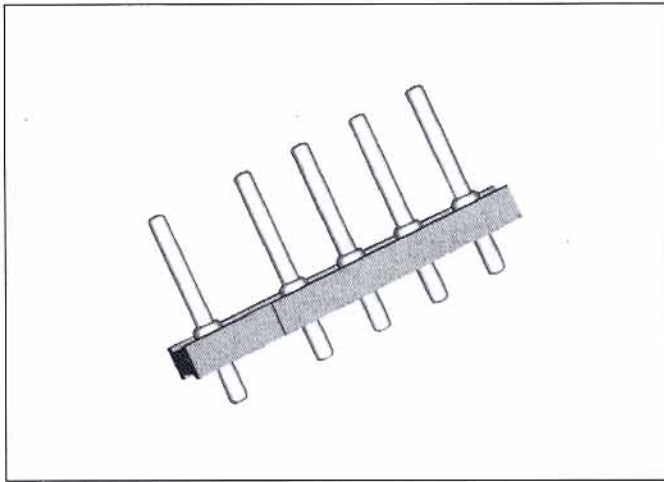
**PW08H-XX**  
①      ②

① H:Housing	② No .Of Contacts: 2-15 Ways
-------------	---------------------------------

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	7.50	11.50
3	12.50	16.50
4	17.50	21.50
5	22.50	26.50
6	27.50	31.50
7	32.50	36.50
8	37.50	41.50
9	42.50	46.50
10	47.50	51.50
11	52.50	56.50
12	57.50	61.50
13	62.50	66.50
14	67.50	71.50
15	72.50	76.50

**Unit:mm**

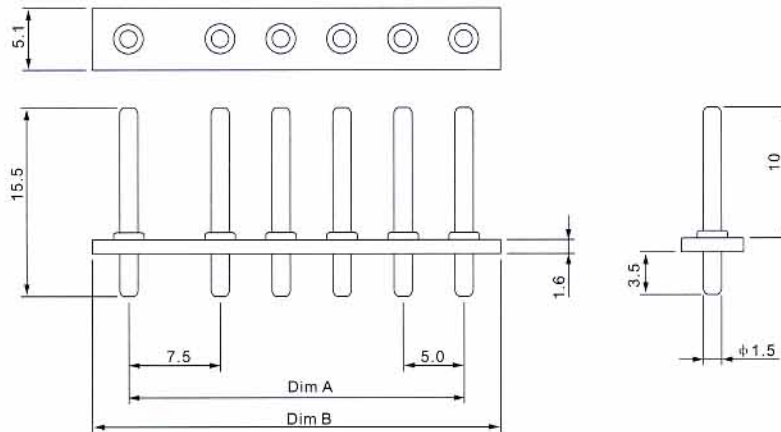


■ **Specifications:**

Current rating : 5.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -25°C to +85°C

■ **Material and Finish:**

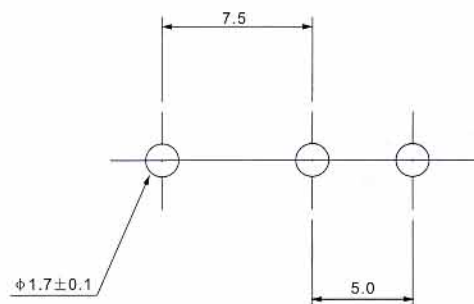
Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated



■ **Engineering Dimension**

CIRCUITS	DIM. A	DIM. B
1		5.00
2	7.50	11.50
3	12.50	16.50
4	17.50	21.50
5	22.50	26.50
6	27.50	31.50

■ **Recommended PCB Layout**



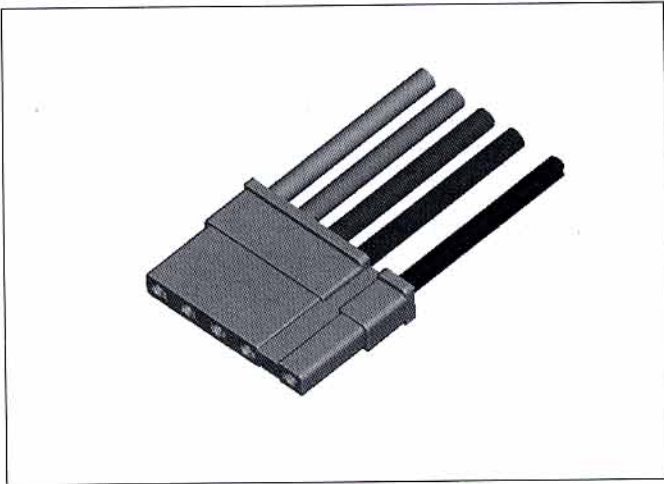
■ **Ordering Information**

**PW09W-XX**

① ②

① W:Wafer	② No. of Contacts: 1-6 Ways
-----------	--------------------------------

**Unit:mm**



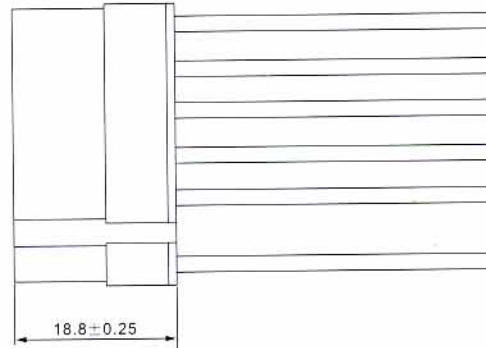
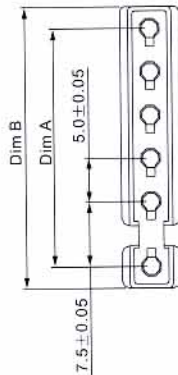
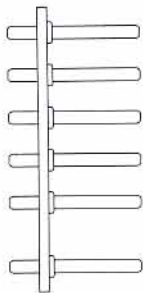
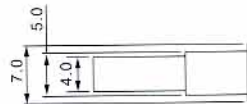
### ■ Specifications:

Current rating : 5.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -25°C to +85°C

### ■ Material and Finish:

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Copper Alloy  
Finish : Tin Plated.

Mating Part No.:  
P/N : PW09W-XX



### ■ Ordering Information

**PW09H-XX**  
①      ②

① H:Housing

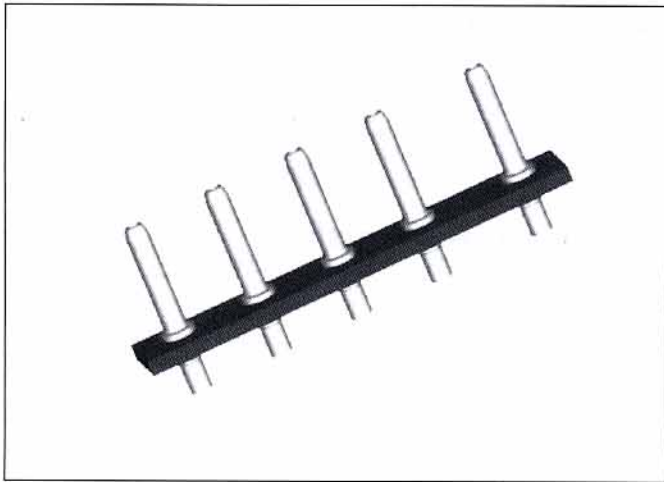
② No. of Contacts:  
1-6 Ways

### ■ Engineering Dimension

CIRCUITS	DIM. A	DIM. B
1		6.10
2	7.50	12.50
3	12.50	17.50
4	17.50	22.50
5	22.50	27.50
6	27.50	32.50

Unit:mm



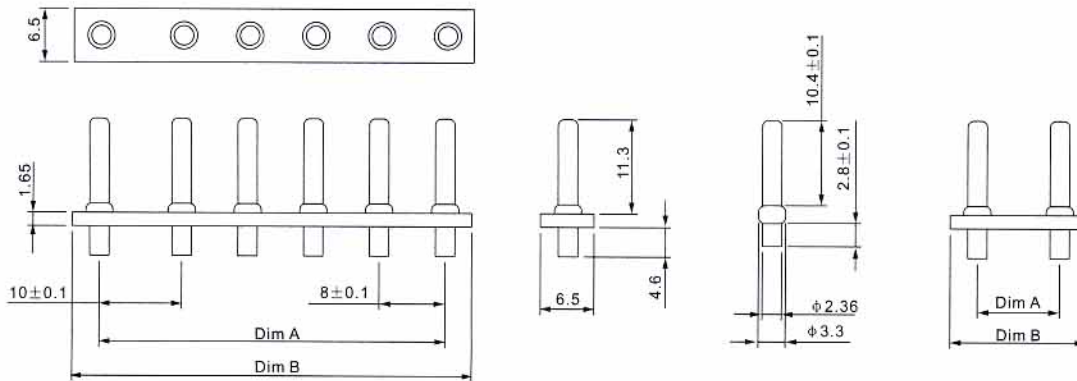


### Specifications:

- Current rating : 5.0A AC/DC
- Voltage rating : 250V AC/DC
- Contact resistance : 20 m ohm max
- Insulation resistance : 1000 M ohm min
- Withstanding voltage : 1500V AC/minute
- Temperature range : -25°C to +85°C

### Material and Finish:

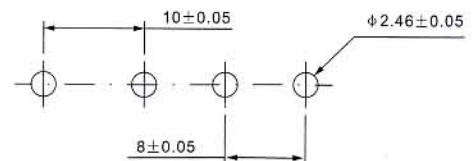
- Insulator : High Temp. Plastic (UL94V-0)
- Contact : Copper Alloy
- Finish : Tin Plated.



### Engineering Dimension

CIRCUITS	DIM. A	DIM. B
2	10.00	16.50
3	18.00	24.50
4	26.00	32.50
5	34.00	40.50
6	42.00	48.50

### Recommended PCB Layout



### Ordering Information

**PW10W-XX**

①      ②

① W:Wafer	② No. of Contacts: 1-6 Ways
-----------	--------------------------------

Unit:mm



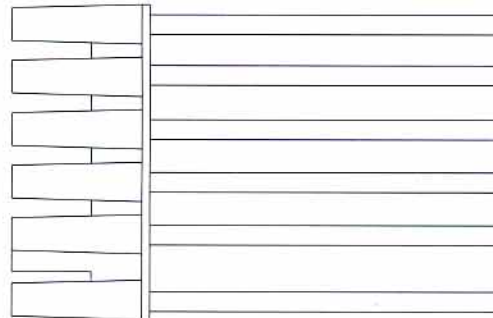
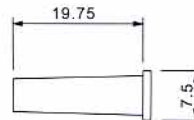
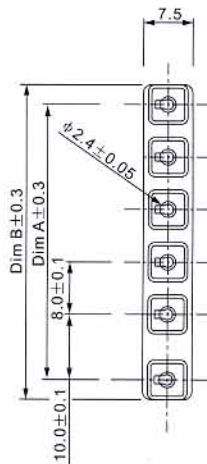
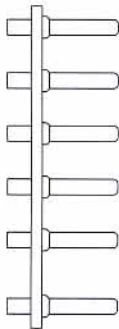
■ **Specifications:**

Current rating : 7.0A AC/DC  
Voltage rating : 250V AC/DC  
Contact resistance : 20 m ohm max  
Insulation resistance : 1000 M ohm min  
Withstanding voltage : 1500V AC/minute  
Temperature range : -25°C to +85°C

■ **Material and Finish:**

Insulator : High Temp. Plastic (UL94V-0)  
Contact : Brass  
Finish : Tin Plated.

Mating Part No.:  
P/N : PW10W-XX



■ **Ordering Information**

**PW10H-XX**  
①      ②

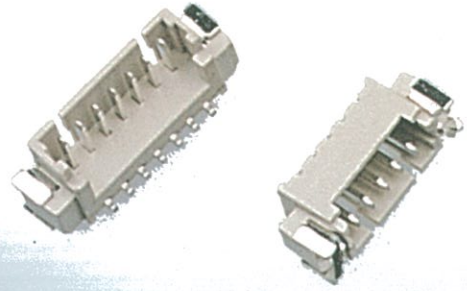
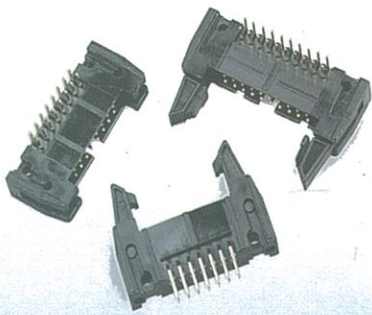
① H:Housing	② No. of Contacts: 1-6 Ways
-------------	--------------------------------

■ **Engineering Dimension**

CIRCUITS	DIM. A	DIM. B
1	----	6.0
2	10.0	16.0
3	18.0	24.0
4	26.0	32.0
5	34.0	40.0
6	42.0	48.0

Unit:mm





## Eltron Interconnection System Pte Ltd

### **Regional Sales Office**

60 Kaki Bukit Place

#08-04 Eunos Techpark

Singapore 415979

Tel : (65) 6747 2422

Fax : (65) 6844 6469

E-mail: [sales@eltron-interconnect.net](mailto:sales@eltron-interconnect.net)

Website: [www.eltron-interconnect.net](http://www.eltron-interconnect.net)

### **Factory 1**

Science Service Plaza, Heng Ke Second Road

Tangxia Dongguan City, Guangdong Province China

Postcode : 523716

### **Factory 2**

Baishi Gang, Chang Ping Town, Dongguan City

Guangdong Province P.R. China

Postcode : 523559