Heavy Duty Connector Inserts
Standard

multicomp PRO

RoHS Compliant

Specifications

Housing

Rated Current	: 16A
Rated Voltage	: 500V
Rated Impulse Voltage	: 6KV
Pollution Degree	: 3
Insulation Resistance	: ≥10^{10}Ω
Material	: Polycarbonate
Temperature Range	: -40°C to +125°C
Mating Cycles	: ≥500
Contact Material	: Copper
Contact Surface	: Silver plated / Gold plated
Contact Resistance	: ≤1mΩ
Tightening Torque	: 0.5Nm

Screw Terminal

Wire Gauge	: 0.14~4mm^2
AWG	: 26-14

Crimp Terminal

Wire Gauge	: 0.14~4mm^2
AWG	: 26-12

16A, 500V, 6 Pin, Insert

Screw Terminal

MP009561   MP009560

Crimp Terminal

MP009563   MP009562

Diagram

Distance for contact max.21mm

44

27

M

19.5 $^{1)}$

e

M3X10

1.2

a

b

g

F

1.2

d

c

f

Contacts arrangement view from termination side

M   F

Panel cut out for inserts for use without Hoods/housings

44

27

14

5

36

35

Φ3.3
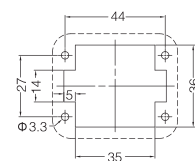
Part Number	Inserts	Terminal	a	b	e	g	c	d	f	m
MP009561	Male	Screw	16	32.4	51	34	16.8	34.5	50.5	34
MP009560	Female									
MP009563	Male	Crimp	18	33	51	34	18	35	50.5	34
MP009562	Female									

Dimensions : Millimetres

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Heavy Duty Connector Inserts
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16A, 500V, 10 Pin, Insert

Screw Terminal
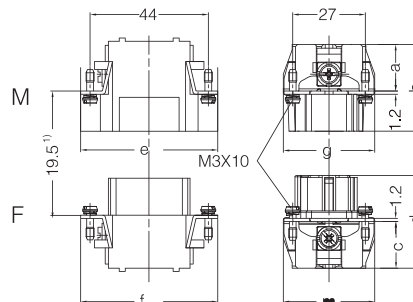
MP009565   MP009564
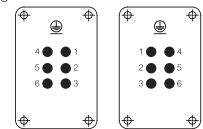
Crimp Terminal

MP009567   MP009566

Diagram
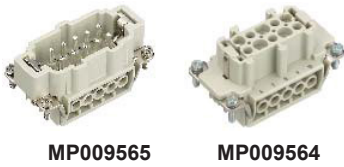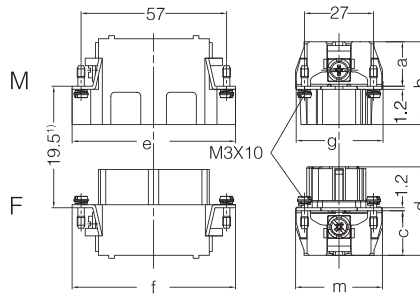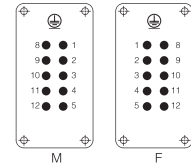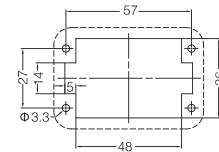
Distance for contact max.21mm

Contacts arrangement view from termination side

Panel cut out for inserts for use without Hoods/housings

Part Number	Inserts	Terminal	a	b	e	g	c	d	f	m
MP009565	Male	Screw	16.5	32	64.5	34	16.8	34.2	64	34
MP009564	Female									
MP009567	Male	Crimp	18	33	64	34	17.5	35.2	64	34
MP009566	Female									

16A, 500V, 16 Pin, Insert

Screw Terminal
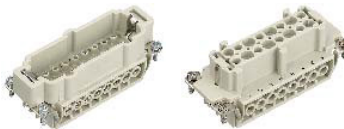
MP009569   MP009568
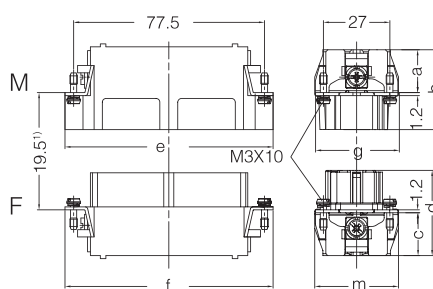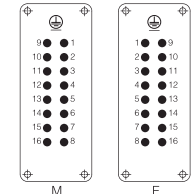
Crimp Terminal

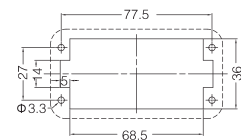MP009571   MP009570

Diagram

Distance for contact max.21mm

Contacts arrangement view from termination side

Panel cut out for inserts for use without Hoods/housings

Part Number	Inserts	Terminal	a	b	e	g	c	d	f	m
MP009569	Male	Screw	17	32.5	84.2	34	17	34.5	84.2	33.5
MP009568	Female									
MP009571	Male	Crimp	18	33.5	84.5	34	18	35	84.5	34
MP009570	Female									

Dimensions : Millimetres

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Heavy Duty Connector Inserts
Standard

16A, 500V, 24 Pin, Insert

Screw Terminal

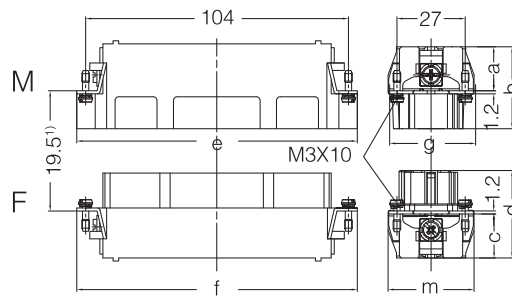MP009573 MP009572
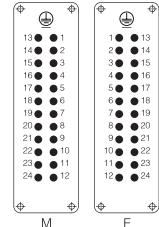
Crimp Terminal

MP009575 MP009574

Diagram
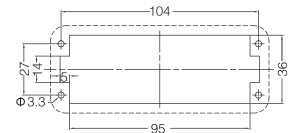
Distance for contact max.21mm

Contacts arrangement view from termination side

Panel cut out for inserts for use without Hoods/housings

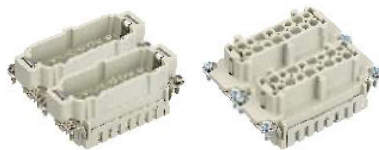| Part Number	Inserts	Terminal	a	b	e	g	c	d	f	m
MP009573	Male	Screw	17	32.5	111	33.5	17	34.5	111	33.5
MP009572	Female									
MP009575	Male	Crimp	18.3	33.5	111	34	18.3	35.5	111	34
MP009574	Female									

16A, 500V, 32 Pin, Insert

Screw Terminal

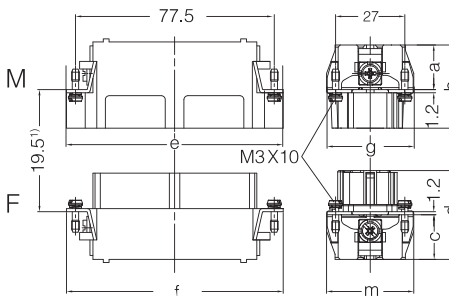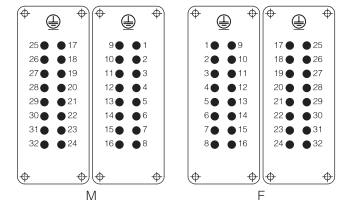MP009577 MP009576

Crimp Terminal
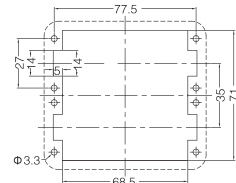
MP009579 MP009578

Diagram

Distance for contact max.21mm

Contacts arrangement view from termination side

Panel cut out for inserts for use without Hoods/housings

Part Number	Inserts	Terminal	a	b	e	g	c	d	f	m
MP009577	Male	Screw	17	32.5	84.2	34	17	34.5	84.2	33.5
MP009576	Female									
MP009579	Male	Crimp	18	33.5	84.5	34	18	35	84.5	34
MP009578	Female									

Dimensions : Millimetres

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Heavy Duty Connector Inserts
Standard

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16A, 500V, 48 Pin, Insert
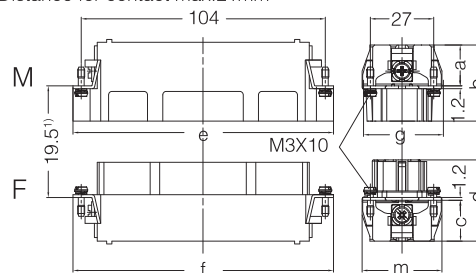
Screw Terminal
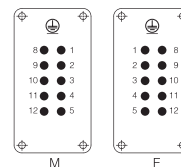
MP009581   MP009580

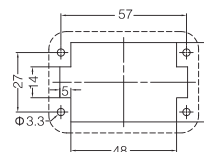**Crimp Terminal**

MP009583   MP009582

Diagram

Distance for contact max.21mm

M3X10

Contacts arrangement view from termination side

M   F

Panel cut out for inserts for use without Hoods/housings

Part Number	Inserts	Terminal	a	b	e	g	c	d	f	m
MP009581	Male	Screw	17	32.5	111	33.5	17	34.5	111	33.5
MP009580	Female									
MP009583	Male	Crimp	18.3	33.5	111	34	18.3	35.5	111	34
MP009582	Female									

Dimensions : Millimetres

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Part Number Table

Description	Part Number
Heavy Duty Connector Insert, 16A, 500V, 6 Pin, Female, Screw Terminal	MP009560
Heavy Duty Connector Insert, 16A, 500V, 6 Pin, Female, Crimp Terminal	MP009562
Heavy Duty Connector Insert, 16A, 500V, 6 Pin, Male, Screw Terminal	MP009561
Heavy Duty Connector Insert, 16A, 500V, 6 Pin, Male, Crimp Terminal	MP009563
Heavy Duty Connector Insert, 16A, 500V, 10 Pin, Female, Screw Terminal	MP009564
Heavy Duty Connector Insert, 16A, 500V, 10 Pin, Female, Crimp Terminal	MP009566
Heavy Duty Connector Insert, 16A, 500V, 10 Pin, Male, Screw Terminal	MP009565
Heavy Duty Connector Insert, 16A, 500V, 10 Pin, Male, Crimp Terminal	MP009567
Heavy Duty Connector Insert, 16A, 500V, 16 Pin, Female, Screw Terminal	MP009568
Heavy Duty Connector Insert, 16A, 500V, 16 Pin, Female, Crimp Terminal	MP009570
Heavy Duty Connector Insert, 16A, 500V, 16 Pin, Male, Screw Terminal	MP009569
Heavy Duty Connector Insert, 16A, 500V, 16 Pin, Male, Crimp Terminal	MP009571
Heavy Duty Connector Insert, 16A, 500V, 24 Pin, Female, Screw Terminal	MP009572
Heavy Duty Connector Insert, 16A, 500V, 24 Pin, Female, Crimp Terminal	MP009574
Heavy Duty Connector Insert, 16A, 500V, 24 Pin, Male, Screw Terminal	MP009573
Heavy Duty Connector Insert, 16A, 500V, 24 Pin, Male, Crimp Terminal	MP009575
Heavy Duty Connector Insert, 16A, 500V, 32 Pin, Female, Screw Terminal	MP009576
Heavy Duty Connector Insert, 16A, 500V, 32 Pin, Female, Crimp Terminal	MP009578
Heavy Duty Connector Insert, 16A, 500V, 32 Pin, Male, Screw Terminal	MP009577
Heavy Duty Connector Insert, 16A, 500V, 32 Pin, Male, Crimp Terminal	MP009579
Heavy Duty Connector Insert, 16A, 500V, 48 Pin, Female, Screw Terminal	MP009580
Heavy Duty Connector Insert, 16A, 500V, 48 Pin, Female, Crimp Terminal	MP009582
Heavy Duty Connector Insert, 16A, 500V, 48 Pin, Male, Screw Terminal	MP009581
Heavy Duty Connector Insert, 16A, 500V, 48 Pin, Male, Crimp Terminal	MP009583

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