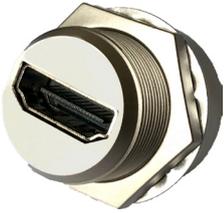


HDMI Connector and Cable Assemblies

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MP002468 HDMI Receptacle C3 Metal C3 Panel Jack Screw Dip

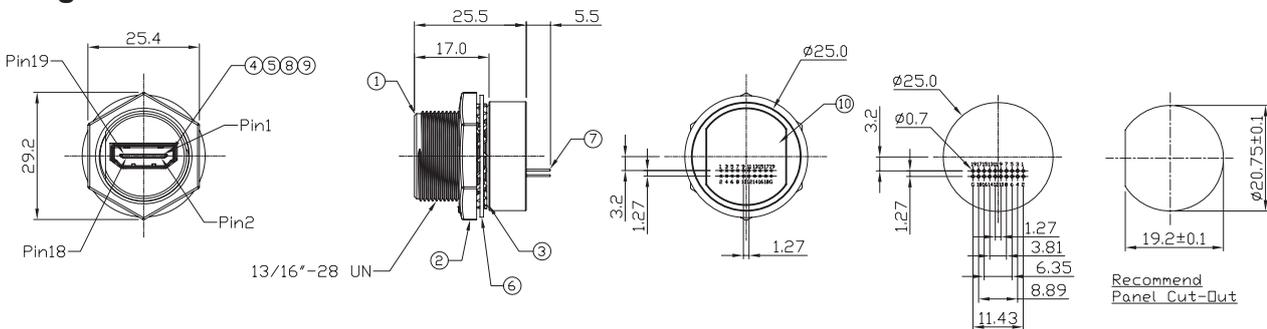
**RoHS
Compliant**



Specifications

IP Rating : IP68
 Recommend Panel Thickness : 0.8mm to 4.5mm
 Recommend Torque : 19 to 20Kgf-cm

Diagram



Recommend PCB Layout

Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	Housing	Zn Alloy; Finish: Ni Plated	1
2	Hex Nut	Zn Alloy; Finish: Ni Plated	
3	O-Ring	Silicone; Colour: Red	
4	HDMI Receptacle	Shell: Copper Alloy, Finish: Ni Plated	
		Contacts: Copper Alloy, Finish: Au Plated	
		Housing: Thermoplastic, Colour: Black	
5	EMI Shielded Plate	Copper; Finish: Ni Plated	
6	Metal Washer	SUS	
7	Pin Header	Housing: Thermoplastic, Colour: Black	
		Contacts: Copper Alloy, Finish: Au Plated	
8	PCB	FR-4; Colour: Green	
9	Hold	Silicone; Colour: Black	
10	Glue	Epoxy; Colour: Black	-

HDMI Connector and Cable Assemblies

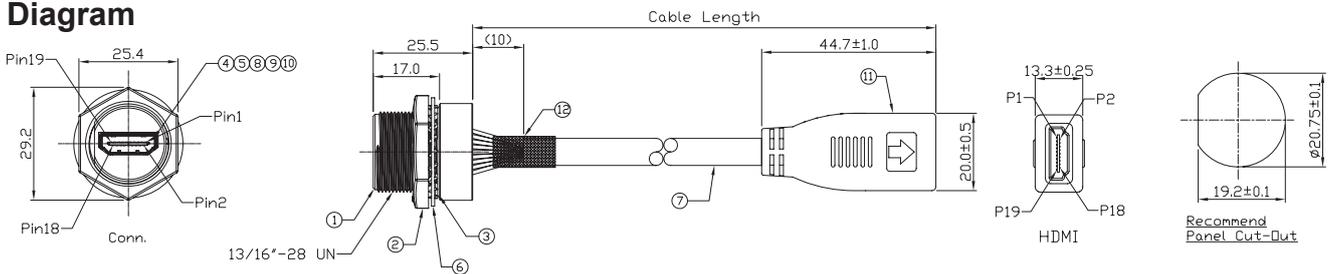
MP002469 & MP002470 HDMI C3 Metal C3 Panel Jack Screw with HDMI Receptacle



Specifications

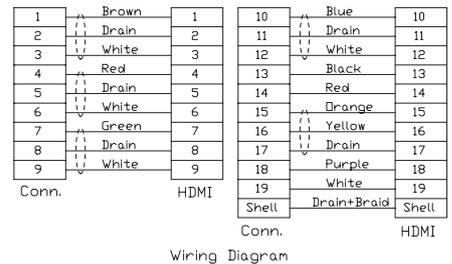
IP Rating : IP68
 Recommend Panel Thickness : 0.8mm to 4.5mm
 Recommend Torque : 19 to 20Kgf-cm

Diagram



Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	Housing	Zn Alloy; Finish: Ni Plated	1
2	Hex Nut	Zn Alloy; Finish: Ni Plated	
3	O-Ring	Silicone; Colour: Red	
4	HDMI Receptacle	Housing: Thermoplastic; Colour: Black	
		Contacts: Copper Alloy, Finish: Au Plated	
		Shell: Copper Alloy, Finish: Ni Plated	
5	EMI Shielded Plated	Copper; Finish: Ni Plated	
6	Metal Washer	SUS	
7	Cable	UL20276 [(28#/1PR+EAM)×5+(28#/4C)]+AB85% Colour: Black, OD=6.8mm	
8	PCB	FR-4; Colour: Black	
9	Hold	Silicone; Colour: Black	
10	Glue	Epoxy; Colour: Black	
11	HDMI Female	HDMI 19P Female IDC Type; Colour: Black	1
12	Shrink Tube	L=20mm; Colour: Black	



Wiring Diagram

HDMI Connector and Cable Assemblies

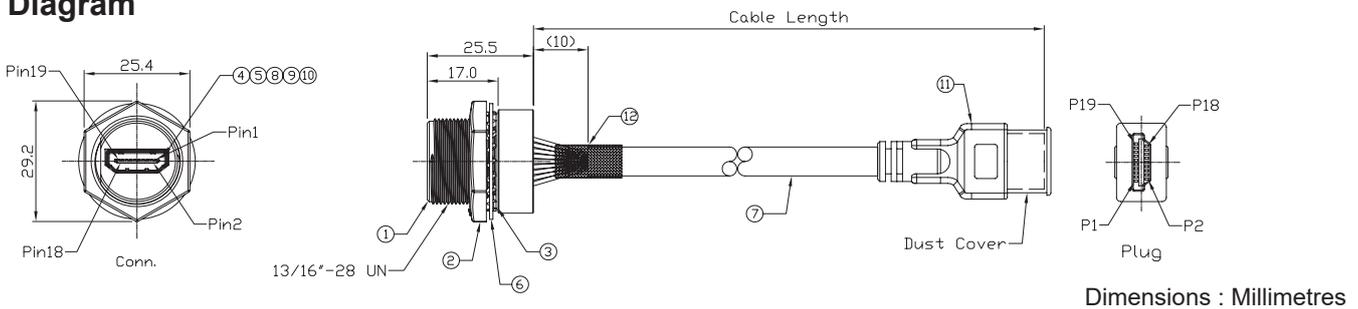
MP002471 & MP002472 HDMI C3 Metal C3 Panel Jack Screw with HDMI Plug



Specifications

IP Rating : IP68
 Recommend Panel Thickness : 0.8mm to 4.5mm
 Recommend Torque : 19 to 20Kgf-cm

Diagram



No.	Part Name	Material/Finish	Qty.
1	Housing	Zn Alloy; Finish: Ni Plated	1
2	Hex Nut	Zn Alloy; Finish: Ni Plated	
3	O-Ring	Silicone; Colour: Red	
4	HDMI Receptacle	Housing: Thermoplastic; Colour: Black	
		Contacts: Copper Alloy, Finish: Au Plated	
		Shell: Copper Alloy, Finish: Ni Plated	
5	EMI Shielded Plated	Copper; Finish: Ni Plated	
6	Metal Washer	SUS	
7	Cable	UL20276 [(28#/1PR+EAM)×5+(28#/4C)]+AB85% Colour: Black, OD=7.3mm	
8	PCB	FR-4; Colour: Green	
9	Hold	Silicone; Colour: Black	
10	Glue	Epoxy; Colour: Black	
11	HDMI Female	HDMI 19P male IDC Type; Colour: Black	1
12	Shrink Tube	L=20mm; Colour: Black	

HDMI Connector and Cable Assemblies

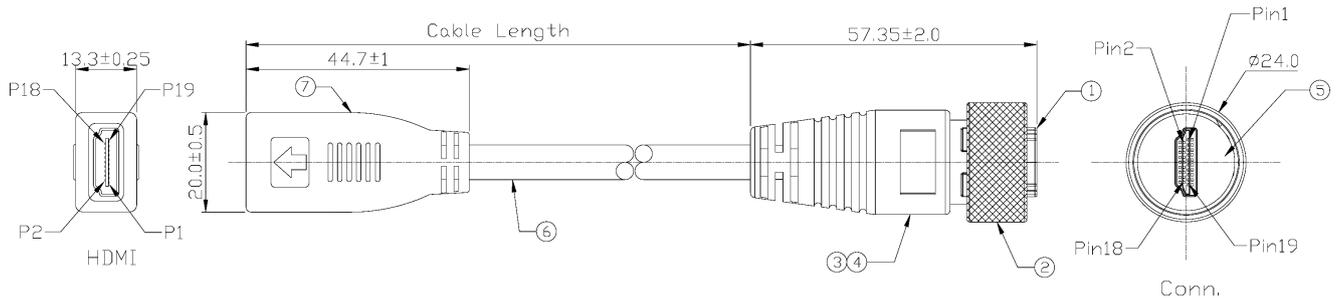
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MP007429 & MP007431 HDMI C3 Metal Cable End Plug Screw with HDMI Receptacle

Specifications

IP Rating : IP68

Diagram



Dimensions : Millimetres

1	White	1	10	White	10
2	Drain	2	11	Drain	11
3	Brown	3	12	Blue	12
4	White	4	13	Red	13
5	Drain	5	15	White	15
6	Red	6	16	Purple	16
7	White	7	18	Black	18
8	Drain	8	14	White	14
9	Green	9	17	Drain	17
			19	Orange	19
			Shell	Braid	Shell

HDMI Conn. HDMI Conn.

⚠ Wiring Diagram

No.	Part Name	Material/Finish	Qty.
1	HDMI Plug	Housing: Thermoplastic; Colour: Black	1
		Contacts: Copper Alloy, Finish: Au Plated	
		Shell: Copper Alloy, Finish: Au Plated	
2	Metal Screw Nut	Copper Alloy; Finish: Ni Plated	
3	Inner Mold	Thermoplastic; Colour: Black	
4	Over Mold	PVC; Colour: Black	
5	Rubber Pad	Silicon; Colour: Black	
6	Cable	UL20276 [(28#/1PR+EAM)×5+(28#/4C)]+AB85% Colour: Black, OD=7.3mm	
7	HDMI Female	HDMI 19P Female IDC Type; Colour: Black	

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HDMI Connector and Cable Assemblies

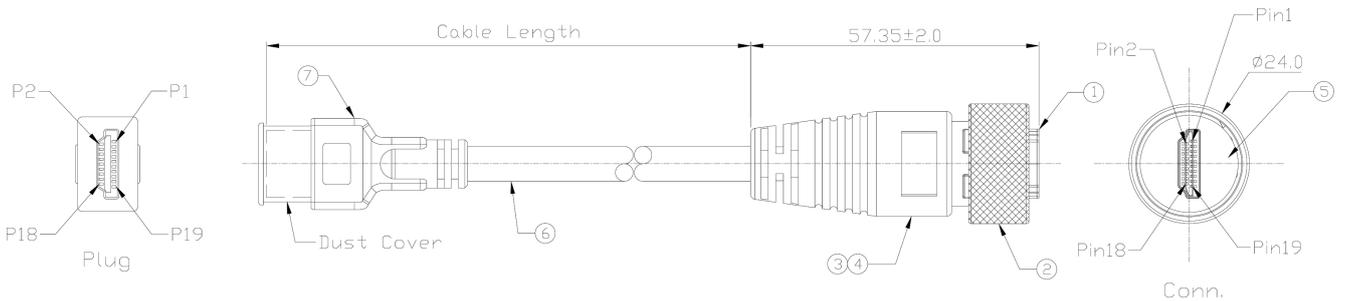
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MP007430 & MP007432 HDMI C3 Metal Cable End Plug Screw with HDMI Plug

Specifications

IP Rating : IP68

Diagram



Dimensions : Millimetres

1	Brown	1	10	Blue	10
2	Drain	2	11	Drain	11
3	White	3	12	White	12
4	Red	4	13	Black	13
5	Drain	5	14	Red	14
6	White	6	15	Orange	15
7	Green	7	16	Yellow	16
8	Drain	8	17	Drain	17
9	White	9	18	Purple	18
			19	White	19
			Shell	Drain+Braid	Shell
Plug			Conn.		
			Plug		
			Conn.		

Wiring Diagram

No.	Part Name	Material/Finish	Qty.
1	HDMI Plug	Housing: Thermoplastic; Colour: Black	1
		Contacts: Copper Alloy, Finish: Au Plated	
		Shell: Copper Alloy, Finish: Au Plated	
2	Metal Screw Nut	Copper Alloy; Finish: Ni Plated	
3	Inner Mold	Thermoplastic; Colour: Black	
4	Over Mold	PVC; Colour: Black	
5	Rubber Pad	Silicon; Colour: Black	
6	Cable	UL20276 [(28#/1PR+EAM)×5+(28#/4C)]+AB85% Colour: Black, OD=7.3mm	
7	HDMI Male	HDMI 19P male IDC Type; Colour: Black	

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Part Number Table

Description	Part Number
HDMI Receptacle Connector, C3 Panel Mount, IP68	MP002468
HDMI Cable Assembly, Plug to Receptacle, IP68, 300mm	MP002469
HDMI Cable Assembly, Plug to Receptacle, IP68, 2m	MP002470
HDMI Cable Assembly, Receptacle to Receptacle, IP68, 300mm	MP002471
HDMI Cable Assembly, Receptacle to Receptacle, IP68, 2m	MP002472
HDMI Cable Assembly, Plug to Receptacle, IP68, 2m	MP007429
HDMI Cable Assembly, Plug to Plug, IP68, 2m	MP007430
HDMI Cable Assembly, Plug to Receptacle, IP68, 1m	MP007431
HDMI Cable Assembly, Plug to Plug, IP68, 1m	MP007432

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