

USB Connector, Adapter, Cable Assembly and Dust Caps

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MP002425 USB Type A Sealed Connector

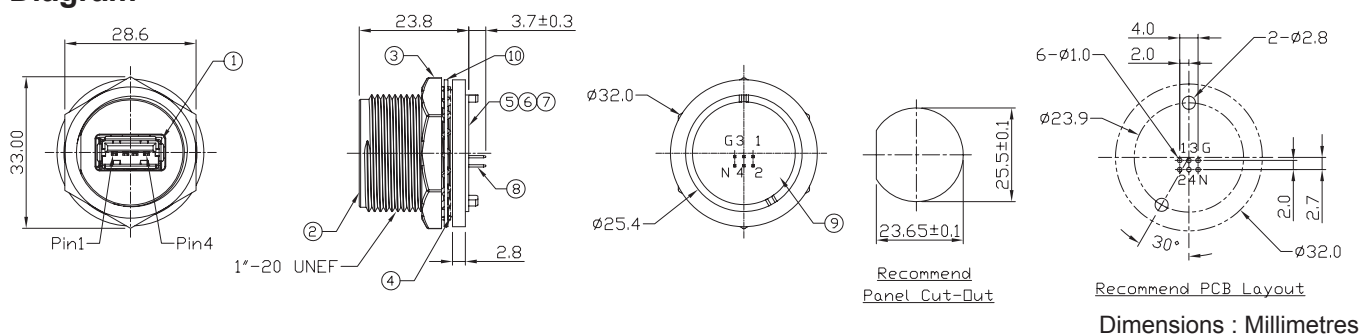
**RoHS
Compliant**



Specifications

IP Rating : IP68
Recommend Panel Thickness : 0.8mm to 8mm
Recommend Torque : 19 to 20Kgf-cm

Diagram



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

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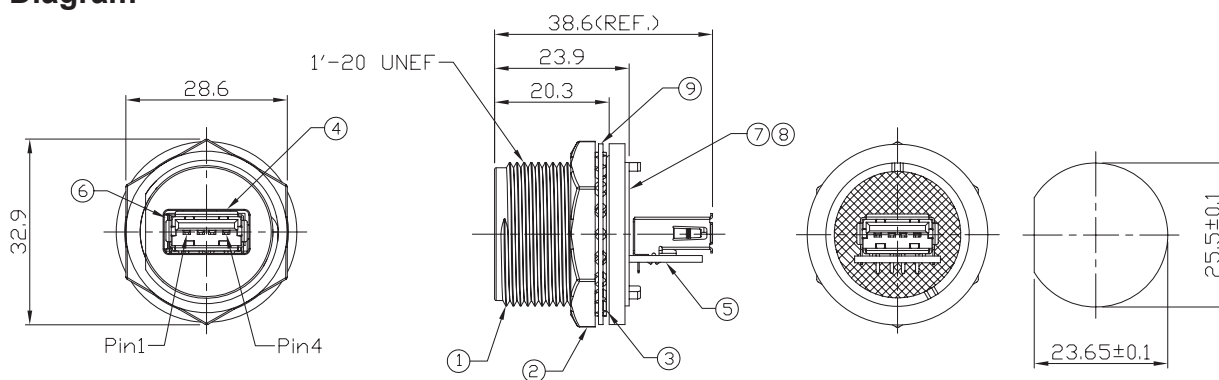
MP002426 USB Adapter, C4 Panel Mount



Specifications

IP Rating : IP68
Recommend Panel Thickness : 0.8mm to 8mm
Recommend Torque : 19 to 20Kgf-cm

Diagram



Recommend
Panel Cut-Out

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	USB-A Receptacle	Housing: Thermoplastic; Colour: Black Contacts: Copper Alloy, Finish: Au Plated Shell: Copper Alloy, Finish: Ni Plated	2
5	PCB	FR-4	1
6	EMI Shielded Plate	Copper Alloy; Finish: Ni Plated	
7	Holder	Thermoplastic; Colour: Black	
8	Glue	Epoxy; Colour: Black	
9	Metal Washer	Stainless Steel	

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IP Rating : IP68
Recommend Panel Thickness : 0.8mm to 8mm
Recommend Torque : 19 to 20Kgf-cm

Technical drawing of the USB 2.0 Type A to B cable assembly, showing dimensions and connector details.

Dimensions (mm):

- Overall length: 200 ± 10
- Outer diameter of B connector: 28.6
- Height of B connector: 33.0
- Distance from B connector to A connector: 24.1
- Distance from B connector to strain relief: 3.8
- Distance from strain relief to A connector: 200
- Width of A connector: 23.65 ± 0.1
- Height of A connector: 25.5 ± 0.1

Connector Details:

- B Connector (Type B):** Features a threaded mounting section with $1''-20 \text{ UNEF}$ threads. Pins are labeled Pin1 and Pin4.
- A Connector (Type A):** Standard USB Type A connector. Pins are labeled Pin1 and Pin4.

Recommend Panel Cut-Out

Twist	Shell	Drain
	4	Black
	3	Green
	2	White
	1	Red

Dimensions : Millimetres

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Metal Dust Cap for C4 Screw Panel Mount Connector

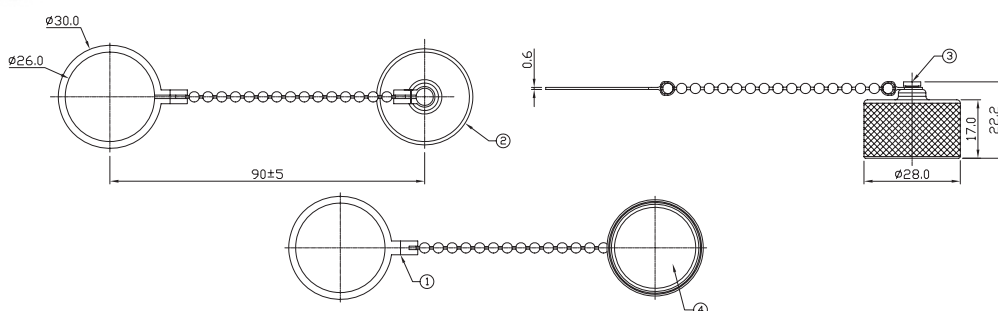
MP002442



Specification

IP Rating

: IP68



No.	Part Name	Material / Finish	Qty.
1	Metal Chain	Stainless	1
2	Metal Screw Cap.	Copper Alloy Finish: Ni Plated	1
3	Metal Rivet	Copper Alloy Finish: Ni Plated	1
4	Rubber Pad	Silicone Colour: Black	1

Plastic cap for C4 size with screw mating

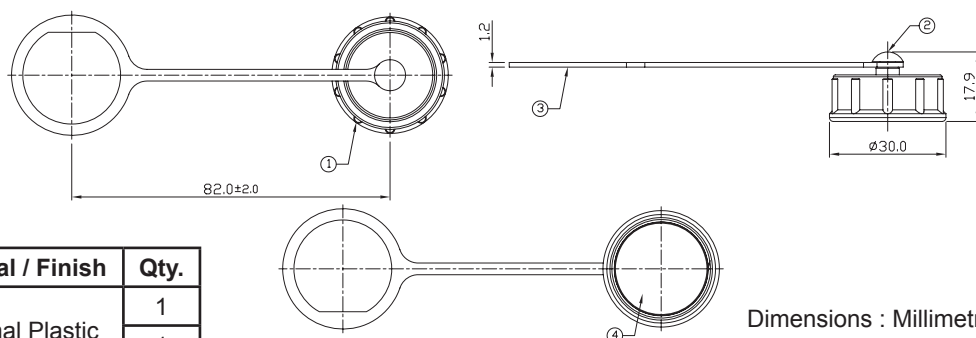
MP002439



Specification

IP Rating

: IP67



No.	Part Name	Material / Finish	Qty.
1	Screw Cap	Thermal Plastic Colour: Black	1
2	Plastic Rivet		1
3	Plastic Chain		1
4	Rubber Pad	Silicone Colour: Black	1

Dimensions : Millimetres

Dimensions : Millimetres

Part Number Table

Description	Part Number
USB Type A Sealed Connector, Metal, C4 Panel Mount, IP68	MP002425
USB Adapter, USB Type A Jack to USB Type A Jack, Metal, C4 Panel Mount, IP68	MP002426
USB Cable Assembly, USB Type A Jack C4 Panel to USB Type A Plug, Black, 200mm, IP68	MP002427
Dust Cap with Chain, Metal, C4 Screw Panel Mount Connector, IP68	MP002442
Dust Cap with Chain, Plastic, C4 Screw Panel Mount Connector, IP67	MP002439

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