USB Cable Assembly

multicomp PRO

RoHS Compliant

Specifications

Current Rating : 1.5A / 2A

AWG Gauge : 20 AWG to 28 AWG Temperature Range : -40°C to +105°C

Insulation Resistance : DC500V ±10%, test for 1 minute and the insulation

resistance should be more than $1000M\Omega$

Dielectric Withstanding Voltage : 500V DC/AC peak, contact-to-contact, for 1min.

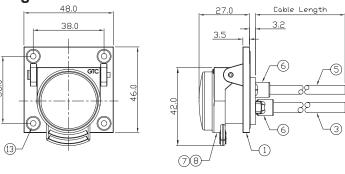
750V DC/ AC peak, contact-to-test panel or contact-to-shield for 1 min.

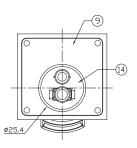
Contact Resistance : 30mΩ at 10mA Max.

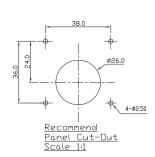
Waterproof Rate : IP67

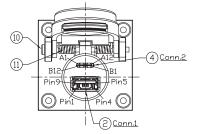
Recommend Panel Thickness : 0.8mm to 3mm

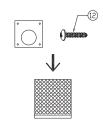
Diagram











Dimensions: Millimetres

No.	Part Name	Material / Finish	Qty.
1	Housing	Thermoplastic; Colour: Black	
	USB-A 3.0 Receptacle	Shell: Copper Alloy, Finish: Au Plated	
2		Contacts: Copper Alloy, Finish: Au Plated]
		Housing: Thermoplastic, Colour: Blue	
3	Cable	UL2725 (1P×28AWG EAM)×2+(1PR×28AWG+A)+2C×24AWG+AB 85% Colour: Black, OD:5mm	1
	USB Type C 3.1	Shell: Copper Alloy, Finish: Au Plated	
4		Contacts: Copper Alloy, Finish: Au Plated	
		Housing: Thermoplastic, Colour: Black]
5	Cable	UL2725 28AWG×1P+24AWG×2C+AEB65% Colour: Blackc, OD: 4.7mm	

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No.	Part Name	Material / Finish	Qty.
6	Over Mold	Thermoplastic; Colour: Black	2
7	Сар	Thermoplastic; Colour: Black	
8	Cap Rubber Pad	Silicone; Colour: Black	
9	Gasket	Silicone; Colour: Black	1
10	Rivet	Aluminium; Finish:-	
11	Spring	Stainless; Finish:-	
12	Screw	Stainless (TP1); Finish:-	4
13	Screw Gasket	EPDM; Colour: Black	4
14	Glue	Epoxy; Colour: Black	-

USB Type-0		
A4,B4,A9,B9 -	Red	_
A7.B7	White /\	
A6.B6 -	Green	Conn.2
— A1,B1,A12,B12 -	Black ∨′	00111112
HI,DI,HIC,DIC	Drain+Braid	



Wiring Diagram

Part Number Table

Description	Cable Length	Part Number
USB-A 3.0 + Type C Panel Square Dual-USB	1m	MP011835
Jack with Cable + Cap	2m	MP011836

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