USB-A 3.0 Jack

multicomp PRO

Specifications

Current Rating	: 1.5A
AWG Gauge	: 22 AWG to 28 AWG
Temperature Range	: -40°C to +105°C
IP Rating	: IP67

Diagram
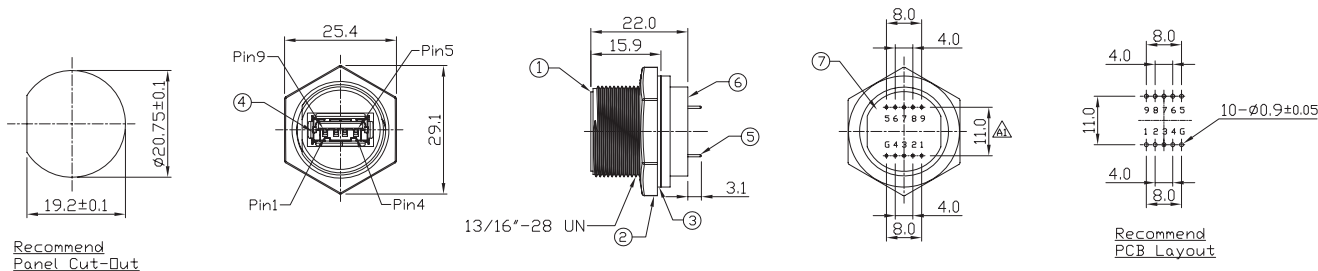
Recommend Panel Cut-Out

13/16"-28 UN

Recommend PCB Layout

10-Ø0.9±0.05

Item	Part Name	Material / Finish	Qty
1	Housing	Thermoplastic; Colour: Black	1
2	Hex Nut	Thermoplastic; Colour: Black	
3	Gasket	Silicone; Colour: Black	
4	USB-A 3.0 Receptacle	Housing: Thermoplastic; Colour: Black	
		Contacts: Copper Alloy; Finish: Au Plated	
		Shell: Copper Alloy, Finish: Ni Plated	
5	Pin Header	Housing: Thermoplastic; Colour: Black	2
		Contacts: Copper Alloy; Finish: Au Plated	
6	PCB	FR-4; Colour: Green	1
7	Glue	Epoxy; Colour: Black	-

USB 3.0 Type A

Pin	Signal Name	Description	Mating Cable Colour
1	VBUS	Power	Red
2	D-	USB 2.0 Differential Pair	White
3	D+		Green
4	GND	Ground for Power Return	Black
5	StdA_SSRX-	Super Speed Receiver Differential Pair	Blue
6	StdA_SSRX+		Yellow
7	GND_Drain	Ground for signal Return	Drain-Wire
8	StdA_SSTX-	Super Speed Transmitter Differential Pair	Purple
9	StdA_SSTX+		Orange
G	Shell	Connector Metal Shell	Drain-Wire

Part Number Table

Dimensions : Millimetres

Description	Part Number
USB Connector, Type A Jack, Plastic, Panel Mount, Screw	MP009820

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

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