

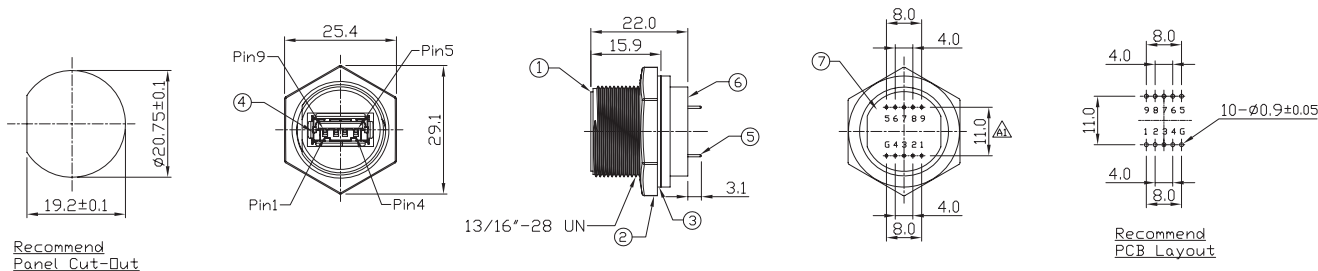
# USB-A 3.0 Jack

**RoHS  
Compliant**

## 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

Recommend  
PCB Layout

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 Contacts: Copper Alloy; Finish: Au Plated	2
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

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

Dimensions : Millimetres

**Important Notice** : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

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