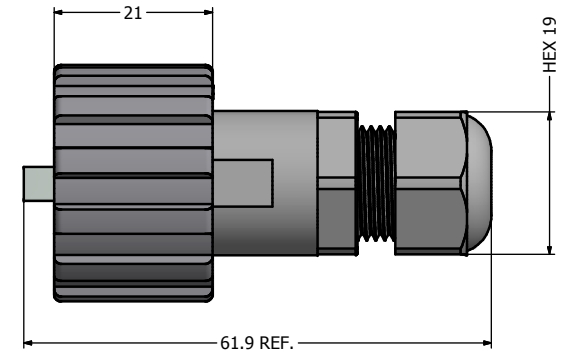
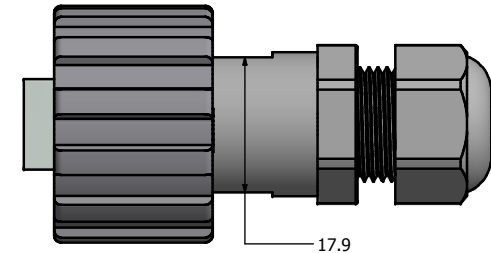
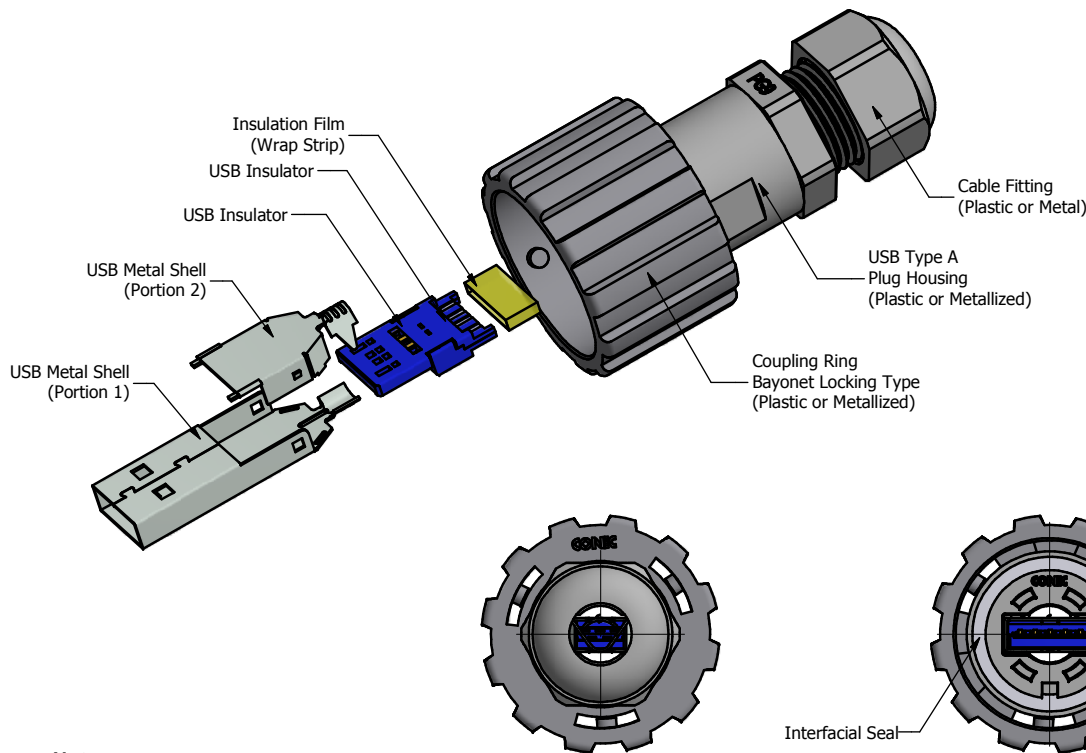




Notes:

1. Electrical Specifications:

Meets USB 3.0 specifications

Low level Contact Resistance:

- 30 mOhm max for VBUS and GND Contacts

- 50 mOhm max for all other contacts

Insulation Resistance 1000 MOhm min.

Current Rating: 2A max. @ 25°C

DWV: 500V AC/60s Pin to Pin; 1000V AC/60s Pin to shell

Operating Temperature: -40°C to +85°C

2. Material and Finish:

- Coupling Ring and Plug Housing: Polyester (Black), UL94 V-0 or Metallized ABS (Nickel Plated), UL94 V-0

- Interfacial Seal: Silicon, Color: White

- Cable Gland: PA (Black) or Brass, Nickel Plated

- Cable Gland Seal: NBR, Color: Black

- Cable Gland Insert (Metal Version): Nylon, Color: White

- USB Metal Shell: SPCC, Nickel Plated

- USB Insulator: PBT, UL94 V-0, Blue

- USB Contacts: Copper Alloy,

- USB Contact Finish: 30 u" Gold min. over Nickel for mating area, Tin over Nickel for solder cup

③ 3. USB Type A Plug accepts AWG34 to AWG20 wires, Cable OD of 4.0 mm to 6.0 mm

4. IP67 & IP68 rated when fully mated with the appropriate mating connector

RoHS Compliant

Version	Part Number
Plastic Version	17-240071
Metallized Plastic Version	17-240081

Customer:			Tolerance Unless otherwise specified	Autodesk Inventor	Scale: N/A	Dim. in mm
Name	Title	Approval Date	0 PLC ±0.50 1 PLC ±0.38 2 PLC ±0.25 3 PLC ±0.10 ANGLES ±3°		Material: See Notes	
			2016 Date	Name	Title: IP67 & IP68 USB3.0 USB 3.0 Type A Plug Assembly Kit Solder Cup Version	
			Draw. Mar. 03	Vincent Ke		
			Appd. Mar. 03	Thomas Koch		
			Norm		Drawing No.: 17K1A557	
			D-old			
b	1 x b	Apr/21/2017	Vincent Ke	CONEC		DIN A3
a	original					Sheet 1/1
Rev.	Changes	Date	Name	Part No.: SEE PART NUMBER TABLE		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[17-240071](#)