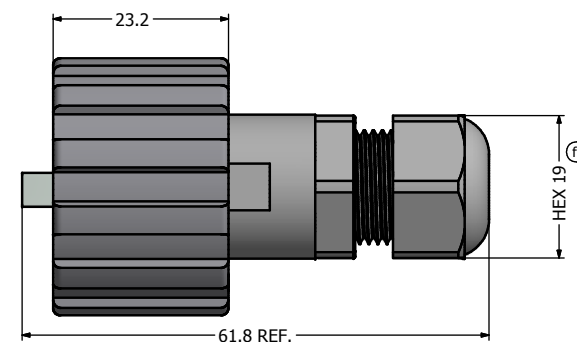
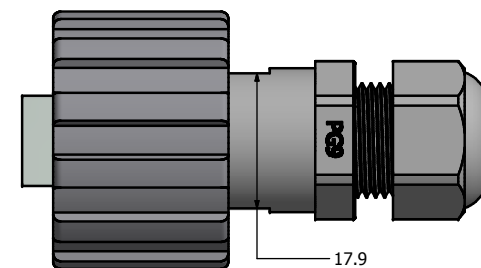
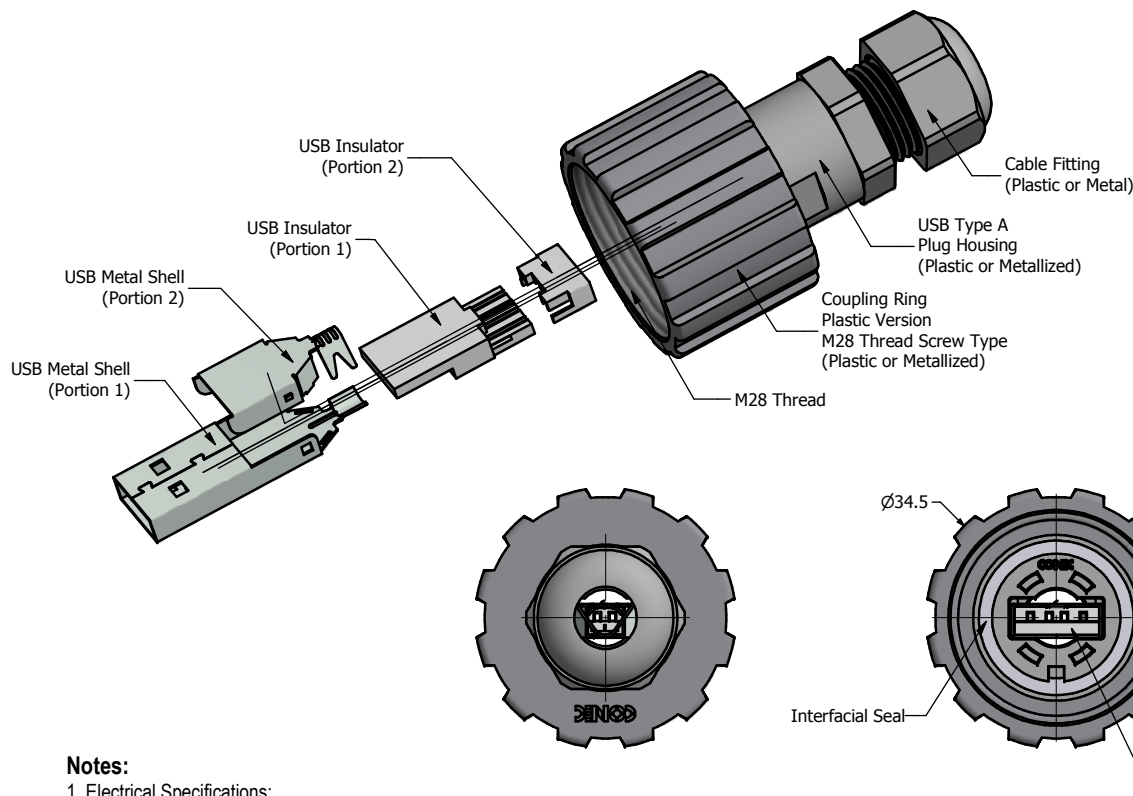




Notes:

1. Electrical Specifications:

- Meets USB 2.0 Specification
- Contact Resistance: 30 mOhm max.
- Insulation Resistance: 1000 MOhm min. @ 100 VDC

- Current Rating: 1.5 A max. at 25°C
- Working Voltage: 30 V (RMS) max.
- DWV: 500 VAC/60s at sea Level
- 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 Fitting: PA (Black), UL94 V-0
- Cable Fitting Rubber Ring: NBR, Color: Black
- USB Metal Shell: SPCC, Nickel Plated
- USB Insulator: PBT, UL94 V-0, White
- 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 AWG28 to AWG24 wires, Cable OD of 4.0 mm to 5.5 mm

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

RoHS Compliant

(d) (e) (f)	Description	Part Number
	Plastic Version with Interfacial Seal	17-200151
	Plastic Version without Interfacial Seal	17-220001
	Metallized Plastic Version with Interfacial Seal	17-200731
	Metallized Plastic Version without Interfacial Seal	17-220011

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	Name	Title	Approval Date	2008	Date	Name	Material: See Notes	
	h	1 x h	Apr/21/2017	Vincent Ke	Draw.	Sept. 09		
	g	1 x g	Feb/23/2017	Vincent Ke	Appd.	Sept. 09		
	f	2 x f	Jun/23/2014	Vincent Ke	Norm			
	e	1 x e	Jul/24/2012	Vincent Ke	D-old		Title: IP67 USB USB Cable Strain Relief Assembly Kit with Solder Cup USB 2.0 Type A plug	
	d	1 x d	Mar/18/2010	Vincent Ke				
	c		Nov/26/2009	Vincent Ke			Drawing No.: 17K1A009	DIN A3
	a	original					Part No.: SEE PART NUMBER TABLE	Sheet 1/1
	Rev.	Changes	Date	Name				

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