



Notes:

- 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
- 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

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

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	Name	Title	Approval Date			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			Part No.: SEE PART NUMBER TABLE	DIN A3
a	original						Sheet 1/1
Rev.	Changes	Date	Name				