



**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
  - Interfacial Seal: Silicone, 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. USB Type A Plug accepts AWG28 to AWG24 wires, Cable with outer Diameter of 4.06 mm to 5.21 mm
4. Cable Fitting accepts Cable Outer Diameter Range of 4 mm to 8 mm
5. RoHS compliant

Directive 2002/95/EC  
"RoHS"  
Compliant

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	Name	Title	Approval Date	0 PLC ±0.50	1 PLC ±0.38		 Title: <b>IP67 USB</b> USB 2.0 Type A Plug Assembly Kit Solder Cup Version	Material: See Notes
				2 PLC ±0.25	3 PLC ±0.10			
				ANGLES ±3		2008 Date Name Draw. Sept. 09 Vincent Ke Appd. Sept. 09 J. Chaudry Norm D-old		
a original			<b>CONEC</b> <sup>®</sup>		Drawing No.: 39K1A364 Part No.: 17-200121	DIN A3 Sheet 1/1		