



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:

- Metal Coupling Ring: Brass, Nickel Plated
- Plug Housing: 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
- 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 OD of 4.0 mm to 5.5 mm

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

RoHS Compliant

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				Name	Title	Approval Date	2008	Date		Name	Material: See Notes
g	1 x g	Apr/21/2017	Vincent Ke	2008	Date	Name	Title:	IP67 USB 2.0 Type A Plug (Solder Cup) Assembly Kit Metal Version			
f	1 x f	Apr/21/2017	Vincent Ke	Draw.	Oct. 31	Vincent Ke					
e	1 x e	Feb/23/2017	Vincent Ke	Appd.	Oct. 31	J. Chaudry					
d	1 x d	Jun/23/2014	Vincent Ke	Norm							
c	1 x c	Nov/26/2009	Vincent Ke	D-old							
b	1 x b	Jun/01/2009	Vincent Ke								
a	original										
Rev.	Changes	Date	Name			Drawing No.: 17K1A115		DIN A3			
						Part No.: 17-200331		Sheet 1/1			