



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: Zinc Die-Cast, Nickel Plated
 - USB Plug Housing: ABS, Nickel Plated, UL94 V-0
 - Interfacial Seal: Silicon, Color: White
 - Cable Fitting: Brass, Nickel Plated, 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. IP67 rated when fully mated with appropriate mating connector
6. RoHS compliant

Directive 2002/95/EC RoHS Compliant

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	Name	Title	Approval Date			Material: See Notes	
						Title: Die-Cast IP67 USB Plug Kit with USB 2.0 Type A Plug (Solder Cup) Nickel Plated Zinc Die-Cast Version	
						Drawing No.: 17K1A154	
	Rev.	Changes	Date	Name		Part No.: 17-200591	DIN A3 Sheet 1/1
b		Jan/28/2011	Vincent Ke				
a	original						