



Notes:

- 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
- 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
- USB Type A Plug accepts AWG28 to AWG24 wires, Cable with outer Diameter of 4.06 mm to 5.21 mm
- Cable Fitting accepts Cable Outer Diameter Range of 4 mm to 8 mm
- IP67 rated when fully mated with the appropriate mating connector
- RoHS compliant

Directive 2002/95/EC RoHS Compliant

Version	"A"	Part Number
Plastic Version	18.9mm	17-200121
Metallized Plastic Version	17.9mm	17-200131

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	Name	Title	Approval Date			Material: See Notes	
						Title: IP67 USB	
						USB 2.0 Type A Plug Assembly Kit Solder Cup Version	
			2008	Date	Name	Drawing No.: 39K1A364	DIN A3
			Draw.	Sept. 09	Vincent Ke		Sheet 1/1
			Appd.	Sept. 09	J. Chaudry	Part No.: SEE PART NUMBER TABLE	
				Norm			
c		Mar/18/2010	Vincent ke				
b		Jun/01/2009	Vincent ke				
a	original						
Rev.	Changes	Date	Name				