



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 | 0 PLC ±0.50 1 PLC ±0.38 2 PLC ±0.25 3 PLC ±0.10 ANGLES ±3° | | Material: See Notes | | |
| | | | | 2008 | Date | Name | Title: | |
| | | | | | Draw. | Sept. 09 | Vincent Ke | IP67 USB |
| | | | | Appd. | Sept. 09 | J. Chaudry | USB 2.0 Type A Plug Assembly Kit | |
| | | | | | Norm | | Solder Cup Version | |
| | | | | | | | Drawing No.: 39K1A364 | |
| | | | | | | | Part No.: SEE PART NUMBER TABLE | |
| | | | | | | | DIN A3 | |
| | | | | | | | Sheet 1/1 | |

