



**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 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
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

Version	Part Number
Plastic Version	17-200121
Metallized Plastic Version	17-200131

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	Name	Title	Approval Date	0 PLC ±0.50	1 PLC ±0.38		Autodesk Inventor	Material: See Notes	
	f	1 x f	Apr/21/2017	Vincent Ke	2 PLC ±0.25	2008		Date	Name
	e	2 x e	Jun/23/2014	Vincent Ke	3 PLC ±0.10	Appd.	Sept. 09	Vincent Ke	IP67 USB
	d	1 x d	Jan/06/2012	Vincent ke	ANGLES ±3°	Norm		J. Chaudry	USB 2.0 Type A Plug Assembly Kit
c	1 x c	Mar/18/2010	Vincent ke		D-old			Solder Cup Version	
b	1 x b	Jun/01/2009	Vincent ke					Drawing No.: 39K1A364	
a	original							Part No.: SEE PART NUMBER TABLE	
Rev.	Changes	Date	Name					DIN A3	
								Sheet 1/1	