



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 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

	Description	Part Number
①	Plastic Version with Interfacial Seal	17-200151
②	Plastic Version without Interfacial Seal	17-220001
③	Metallized Plastic Version with Interfacial Seal	17-200731
④	Metallized Plastic Version without Interfacial Seal	17-220011

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	Name	Title	Approval Date	0 PLC ±0.50	1 PLC ±0.38		Autodesk Inventor	Material: See Notes		
	h	1 x h	Apr/21/2017	Vincent Ke	2 PLC ±0.25	2008		Date	Name	Title:
	g	1 x g	Feb/23/2017	Vincent Ke	3 PLC ±0.10	Sept. 09	Vincent Ke	IP67 USB		
f	2 x f	Jun/23/2014	Vincent Ke	ANGLES ±3°	Sept. 09	J. Chaudry	USB Cable Strain Relief Assembly Kit with Solder Cup USB 2.0 Type A plug			
e	1 x e	Jul/24/2012	Vincent Ke				Norm			
d	1 x d	Mar/18/2010	Vincent Ke				D-old			
c		Nov/26/2009	Vincent Ke							
a	original								Drawing No.: 17K1A009	DIN A3
Rev.	Changes	Date	Name			Part No.: SEE PART NUMBER TABLE		Sheet 1/1		