



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 OD of 4.0 mm to 5.5 mm

4. IP67 rated when fully mated with the appropriate mating connector

RoHS Compliant

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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	Sep/08/2017	Vincent Ke	2 PLC ±0.25	2010		Date	Name
	e	1 x e	Apr/21/2017	Vincent Ke	3 PLC ±0.10	Draw.	Mar. 16	Vincent Ke	
	d	1 x d	Apr/21/2017	Vincent Ke	ANGLES ±3	Appd.	Mar. 16	J. Chaudry	
c	1 x c	Jun/23/1024	Vincent Ke		Norm				
b	1 x b	Jan/28/2011	Vincent Ke		D-old				
a	original								
Rev.	Changes	Date	Name			Drawing No.: 17K1A154		DIN A3	
						Part No.: 17-200591		Sheet 1/1	

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