



**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

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY MANNER AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION.	Customer:			Tolerance Unless otherwise specified			Scale: 1.5:1	Dim. in mm	
	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	Appd.	Mar. 16	J. Chaudry	
d	1 x d	Apr/21/2017	Vincent Ke	ANGLES ±7	Norm			Drawing No.: 17K1A154 Part No.: 17-200591	
c	1 x c	Jun/23/1024	Vincent Ke		D-old				
b	1 x b	Jan/28/2011	Vincent Ke					DIN A3	
a	original							Sheet 1/1	
Rev.	Changes	Date	Name						