



- 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:
  - Receptacle Housing & Protective Cover: Zinc Die-Cast, Nickel Plated
  - Ball Chain Assembly: Copper Alloy (Nickel Plated) and Stainless Steel
  - Panel Nut: Brass, Finish: Nickel Plated
  - Panel Gasket: Silicone, Color: White
  - USB Adaptor Insulator: PBT, UL94 V-0, Black
  - USB Adaptor Metal Shell: Copper Alloy, Nickel Plated
  - USB Adaptor Overmold material: PBT UL94 V-0, Color: Black
  - USB Contacts: Copper Alloy, Finish: 30 u" Gold min. over Nickel
- Connector can be front or rear mounted to a maximum panel thickness of 3.2 mm.
- IP67 rated when fully mated with appropriate mating connector
- RoHS compliant

**Pin-Assignment**

Type A F	Type A F
Pin1 -----	Pin1
Pin2 -----	Pin2
Pin3 -----	Pin3
Pin4 -----	Pin4
Shell -----	Shell

Directive 2002/95/EC  
"RoHS"  
Compliant

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	Name	Title	Approval Date	0 PLC ±0.50	1 PLC ±0.38		Autodesk Inventor	Material: See Notes	
				2 PLC ±0.25	3 PLC ±0.10	2010 Date Name Draw. Mar. 16 Vincent Ke Appd. Mar. 16 J. Chaudry		IP67 USB Receptacle & Cover Kit with USB 2.0 Type A F/ F Adaptor Zinc die-Cast Version	
				ANGLES ±3				Norm	Drawing No.: 17K1A156
						D-old	Part No.: 17-200611		
	b	May/31/2010	Vincent Ke				Drawing No.: 17K1A156		
	a	original					Part No.: 17-200611		
	Rev.	Changes	Date	Name			Sheet 1/1		

