



**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

2. Material and Finish:

- Receptacle Housing: Polyester (Black), UL94 V-0 or Metallized ABS (Nickel Plated), UL94 V-0
- Cover Coupling Ring: Polyester (Black), UL94 V-0 or Metallized ABS (Nickel Plated), UL94 V-0
- Panel Nut: Brass, Finish: Nickel Plated
- Panel Gasket: Silicon, Color: White
- Cover Gasket: Silicon, Color: White
- 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 covered or fully mated with the 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

Description	Part Number
Plastic Version with USB 2.0 Type A F/F Adaptor with Cover Assembly	17-200161
Metallized Plastic Version with USB 2.0 Type A F/F Adaptor with Cover Assembly	17-200721

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	Name	Title	Approval Date	0 PLC ±0.50 1 PLC ±0.38 2 PLC ±0.25 3 PLC ±0.10 ANGLES ±3				
	e	Mar/08/2011	Vincent Ke	Draw. Sept. 09	Vincent Ke	Material: See Notes		
	d	Jun/03/2010	Vincent Ke	Appd. Sept. 09	J. Chaudry	Title: IP67 USB Receptacle + Cover Assembly Kit with USB 2.0 Type A F/ F Adaptor		
	c	Mar/18/2010	Vincent ke	Norm		Drawing No.: 17K1A100		
b	Jun/01/2009	Vincent Ke	D-old		Part No.: SEE PART NUMBER TABLE			
a	original				DIN A3			
Rev.	Changes	Date	Name			Sheet 1/1		