



**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: Metallized ABS (Nickel Plated), UL94 V-0
- Panel Nut: Brass, Finish: Nickel Plated
- Panel Gasket: Silicon, 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

3. Connector can be front or rear mounted to a maximum panel thickness of 3.2 mm.

4. IP67 rated when covered or fully mated with the appropriated mating connector

**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
	f	1 x f	May/15/2013	Vincent Ke	2 PLC ±0.25	3 PLC ±0.10	Title: <b>IP67 USB Receptacle Assembly Kit</b> with USB 2.0 Type A F/ F Adaptor	
	e	1 x e	Nov/03/2011	Vincent Ke	ANGLES ± 7	D-old	Drawing No.: 39K1A361 Part No.: 17-200011	DIN A3
d	1 x d	Mar/08/2011	Vincent Ke			Sheet 1/1		
c	2 x c	Mar/18/2010	Vincent Ke					
b	1 x b	Jun/01/2009	Vincent ke					
a	original							
Rev.	Changes	Date	Name					

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