



**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: Nickel Plated Brass or 304 Stainless Steel
- 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

**Pin-Assignment**

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

**RoHS Compliant**

Description	Part Number
Plastic Version with USB 2.0 Type A F/F Adaptor with Brass Hex Nut and Cover Assembly	17-200161
Plastic Version with USB 2.0 Type A F/F Adaptor with 304 Stainless Steel Hex Nut and Cover Assembly	17-2001619
Metallized Plastic Version with USB 2.0 Type A F/F Adaptor with Brass Hex Nut and 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°		Autodesk Inventor	Material: See Notes	
	f	1 x f	May/15/2013	Vincent ke	Draw.	Sept. 09	Vincent Ke	Title: IP67 USB Receptacle + Cover Assembly Kit with USB 2.0 Type A F/ F Adaptor
	e	2 x e	Mar/08/2011	Vincent Ke	Appd.	Sept. 09	J. Chaudry	
d	1 x d	Jun/03/2010	Vincent Ke	Norm			Drawing No.: 17K1A100	
c	1 x c	Mar/18/2010	Vincent ke	D-old				
b		Jun/01/2009	Vincent Ke				Part No.: SEE PART NUMBER TABLE	
a	original							
Rev.	Changes	Date	Name			Drawing No.: 17K1A100		
						Part No.: SEE PART NUMBER TABLE		DIN A3 Sheet 1/1