



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

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 appropriate mating connector

Pin-Assignment

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

| (c) | Description | Part Number |
|-----|---|-------------|
| (d) | Plastic Version with USB 2.0 Type A F/F Adaptor with Brass Hex Nut and Cover Assembly | 17-200161 |
| (g) | 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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|---|-----------|-------------|---------------|---|-------------|-------------|---------------------------------|----------------------------------|---------------------|--|
| THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY MANNER OR FOR ANY PURPOSES WITHOUT THE WRITTEN PERMISSION OF CONEC CORPORATION. OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION. | Customer: | | | Tolerance Unless otherwise specified | | | | Scale: 1.2:1 | Dim. in mm | |
| | Name | Title | Approval Date | 0 PLC ±0.50 | 1 PLC ±0.38 | 2 PLC ±0.25 | | 3 PLC ±0.10 | Material: See Notes | |
| | 1 x g | A21-0426 | 25.10.2021 | Bub | 2008 | Date | Name | Title: IP67 USB | | |
| | f | 1 x f | May/15/2013 | Vincent ke | Draw. | Sept. 09 | Vincent Ke | Receptacle + Cover Assembly Kit | | |
| | e | 2 x e | Mar/08/2011 | Vincent Ke | Appd. | Sept. 09 | J. Chaudry | with USB 2.0 Type A F/ F Adaptor | | |
| d | 1 x d | Jun/03/2010 | Vincent Ke | Norm. | | | Drawing No.: 17K1A100 | | | |
| c | 1 x c | Mar/18/2010 | Vincent ke | D-old | | | DIN A3 | | | |
| b | | Jun/01/2009 | Vincent Ke | | | | Sheet 1/1 | | | |
| a | Original | | | | | | Part No.: SEE PART NUMBER TABLE | | | |
| Rev | Changes | Date | Name | | | | | | | |

RoHS compliant