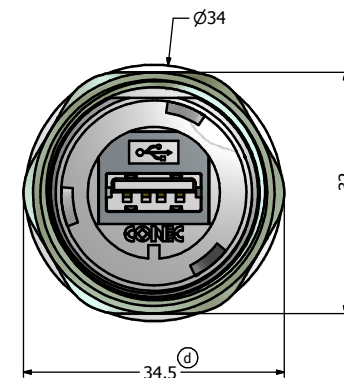
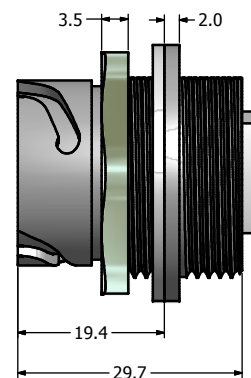
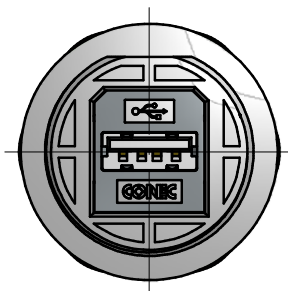
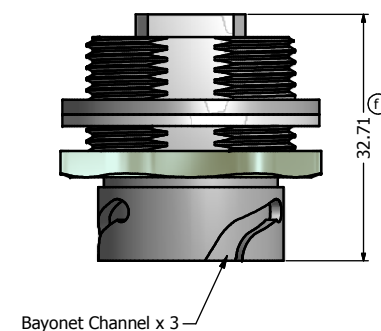
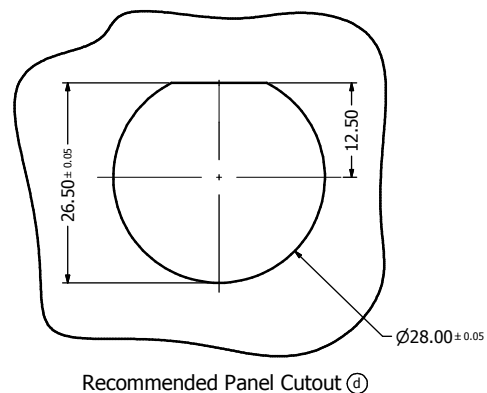
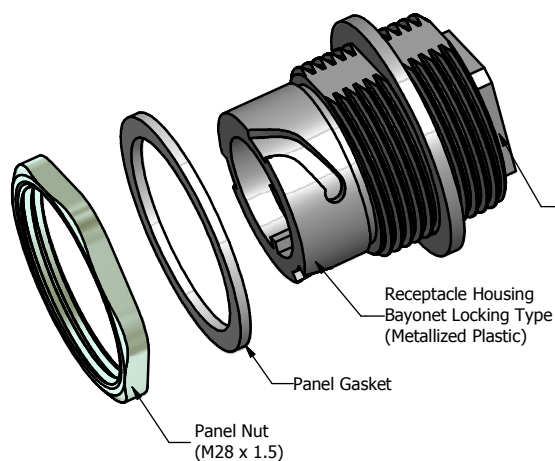




## Notes:

### 1. 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

|           |          |               |            |                                         |          |                      |                       |                                                                                    |
|-----------|----------|---------------|------------|-----------------------------------------|----------|----------------------|-----------------------|------------------------------------------------------------------------------------|
| Customer: |          |               |            | Tolerance<br>Unless otherwise specified |          | Autodesk<br>Inventor | Scale:                | Dim. in mm                                                                         |
| Name      | Title    | Approval Date |            | 0 PLC                                   | ± 0.50   |                      |                       |                                                                                    |
|           |          |               |            | 1 PLC                                   | ± 0.38   | D-old                | Material: See Notes   | Title:<br>IP67 USB<br>Receptacle Assembly Kit<br>with USB 2.0 Type A F / F Adaptor |
|           |          |               |            | 2 PLC                                   | ± 0.25   |                      |                       |                                                                                    |
|           |          |               |            | 3 PLC                                   | ± 0.10   |                      |                       |                                                                                    |
|           |          |               |            | ANGLES                                  | ± 3°     | D-old                | Drawing No.: 39K1A361 | DIN<br>A3                                                                          |
| f         | 1 x f    | May/15/2013   | Vincent Ke | Draw.                                   | Sept. 09 |                      |                       |                                                                                    |
| e         | 1 x e    | Nov/03/2011   | Vincent Ke | Appd.                                   | Sept. 09 | D-old                | Part No.: 17-200011   | Sheet<br>1/1                                                                       |
| d         | 1 x d    | Mar/08/2011   | Vincent Ke | Norm                                    |          |                      |                       |                                                                                    |
| c         | 2 x c    | Mar/18/2010   | Vincent Ke | D-old                                   |          | D-old                | Part No.: 17-200011   | Sheet<br>1/1                                                                       |
| b         | 1 x b    | Jun/01/2009   | Vincent ke |                                         |          |                      |                       |                                                                                    |
| a         | original |               |            |                                         |          | D-old                | Part No.: 17-200011   | Sheet<br>1/1                                                                       |
| Rev.      | Changes  | Date          | Name       |                                         |          |                      |                       |                                                                                    |

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