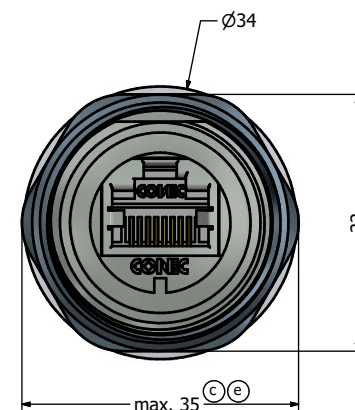
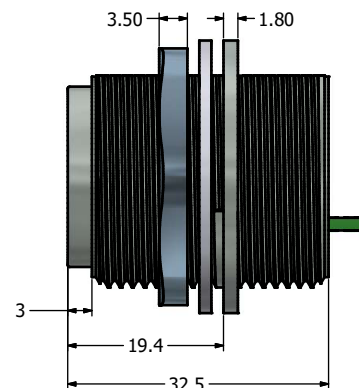
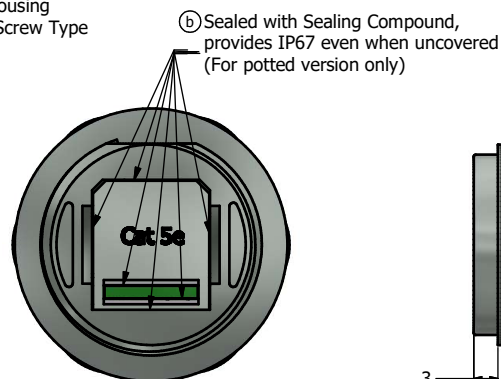
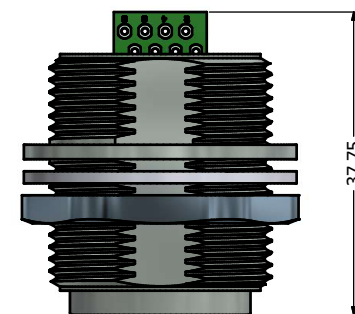
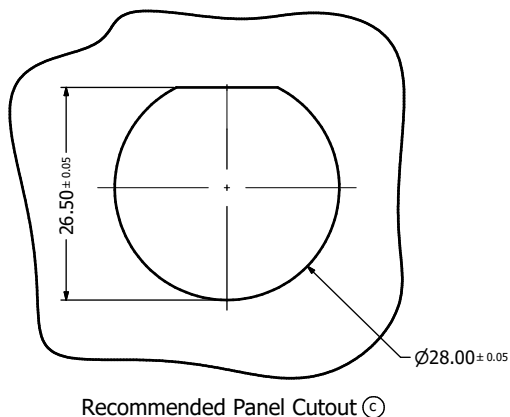
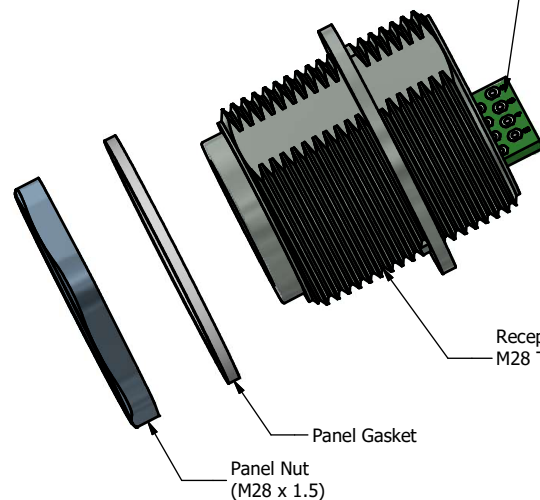




## Notes:

### 1. Electrical Specifications:

- Meets EIA/TIA-568-B.2 Cat.5e Specification
- Contact Resistance: 20mOhm max.
- Insulation Resistance: 500MOhm min. @ 100 VDC
- Current Rating: 1.2A max. at 25°C
- Working Voltage: 100 VDC
- DWV: 1000 VDC/60s Contact to Contact, 1500 VDC/60s Contact to Metal Shell
- Operating Temperature: -40°C to +85°C

### 2. Material and Finish:

- ① - Receptacle Housing: Zinc Die-Cast, Nickel Plated
  - Panel Nut: Brass, Nickel Plated
  - Panel Gasket: Silicon, Color: White
  - RJ45 PCB Jack Metal Shell: Copper Alloy, Nickel Plated
  - RJ45 PCB Jack Plastic Housing: Glass filled PBT UL94 V-0, Color: Black
  - RJ45 PCB Jack Contacts: Phosphor Bronze, Finish: 50u" Gold min. over Nickel
3. Connector can be front or rear mounted to a maximum panel thickness of 3.2mm.
4. IP67 rated when fully mated with appropriate mating connector

RoHS compliant

| Description                                      | Part Number |
|--------------------------------------------------|-------------|
| Metal Version with Shielded RJ45 PCB Jack        | 17-101594   |
| Potted Metal Version with Shielded RJ45 PCB Jack | 17-101634   |

|                                                                                                                                                               |           |           |               |                                         |               |                   |                                                                                            |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|---------------|-----------------------------------------|---------------|-------------------|--------------------------------------------------------------------------------------------|------------|
| THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF CONEC CORPORATION. OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION. | Customer: |           |               | Tolerance<br>Unless otherwise specified |               |                   | Scale: 1.5:1                                                                               | Dim. in mm |
|                                                                                                                                                               | Name      | Title     | Approval Date | 0 PLC ±0.50                             | 1 PLC ±0.38   |                   | Material: See Notes                                                                        |            |
| DOT NOT ALTER CAD DRAWING BY HAND<br>1 x e<br>d<br>c<br>b<br>a<br>Rev.                                                                                        |           |           |               | 2 PLC ±0.25                             | 3 PLC ±0.10   | Autodesk Inventor | Title: Receptacle Assembly Kit<br>with Shielded Cat. 5e RJ45 PCB Jack<br>M28 Metal Version |            |
|                                                                                                                                                               | 1         | Jan/12/12 | Bub           | Angles ±3°                              |               | 2009 Date         |                                                                                            |            |
|                                                                                                                                                               | 2         | Mar/08/11 | Vincent Ke    | Draw. Jun. 03                           | Appd. Jun. 03 | Name Vincent Ke   |                                                                                            |            |
|                                                                                                                                                               | 1         | Aug/26/09 | Vincent Ke    | Norm                                    |               | J. Chaudry        | Drawing No.: 17K1A248<br>Part No.: SEE P/N TABLE                                           |            |
|                                                                                                                                                               | original  |           |               | D-old                                   |               |                   |                                                                                            |            |
|                                                                                                                                                               |           |           |               |                                         |               |                   | DIN A3                                                                                     | Sheet 1/1  |
|                                                                                                                                                               |           |           |               | Changes                                 | Date          | Name              |                                                                                            |            |