

## 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:


- Receptacle Housing: Metallized ABS (Nickel Plated); UL94 V-0
- Panel Nut: Brass, Finish: Nickel Plated
- Panel Gasket: Silicon, Color: White
- Cat.5e RJ45 IDC Jack Metal Shell: Copper Alloy, Nickel Plated
- Cat.5e RJ45 IDC Jack Plastic Housing: Glass filled PBT UL94 V-0, Color: Black
- Cat.5e RJ45 IDC 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 covered or fully mated with the appropriate mating connector

### 5. RoHS compliant

Directive 2002/95/EC RoHS Compliant

|   |           |  |       |   |               |   |   |              |                     |            |  |
|---|-----------|--|-------|---|---------------|---|---|--------------|---------------------|------------|--|
| THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION | Customer: |  |       | Tolerance<br>Unless otherwise specified<br>0 PLC ±0.50<br>1 PLC ±0.38<br>2 PLC ±0.25<br>3 PLC ±0.10<br>ANGLES ±3° |               |  |   | Scale: 1.5:1 |                     | Dim. in mm |  |
|   |           |  |       |   |               |   |   |              |                     |            |  |
|   | Name      |  | Title |   | Approval Date |   | Autodesk Inventor   |              | Material: See Notes |            |  |
|   |           |  |       |   |               |   |   |              |                     |            |  |
|   |           |  |       |   |               |   | Title: Potted Receptacle Assembly Kit<br>Metallized Plastic Receptacle Housing<br>with Shielded Cat. 5e RJ45 IDC Jack |              |                     |            |  |
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|   |           |  |       |   |               |   | Drawing No.: 17K1A189   |              |                     |            |  |
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|   |           |  |       |   |               |   | Part No.: 17-10034  |              |                     |            |  |
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|   |           |  |       |   |               | Drawing No.: 17K1A189   |   |              |                     |            |  |
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