

## Notes:

### 1. Material and Finish:

- Coupler Ring: Zinc Die-Cast, Nickel Plated
- Plug Housing: Zinc Die-Cast, Nickel Plated
- Cable Gland: Brass, Nickel Plated
- Cable Gland Rubber Ring: NBR, Color: Black
- Cable Fitting: PA (Black), UL94 V-0
- Interfacial Seal: Silicone, Color: White

### (f) Duplex LC Connector

- Housing: PEI , UL94 V-0,
- (e) Color: **SM Blue/MM Beige/APC SM Green**
- Inner Sub Assembly: Zirconia, Metal and PTFE
- Crimp Barrel: Brass, Nickel Plated
- Ferrule: Brass, Nickel Plated
- Dust Cap: PC, Color: White

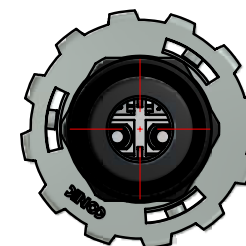
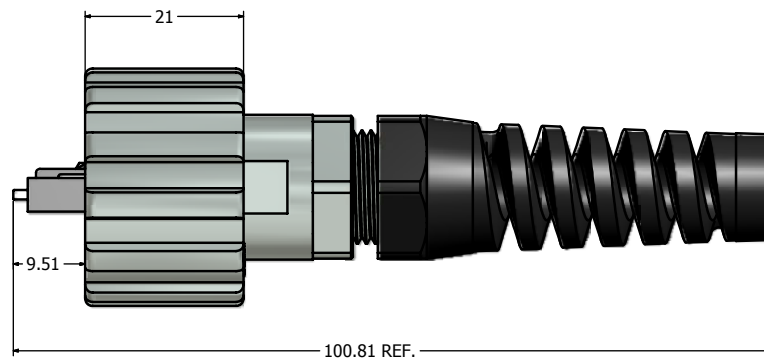
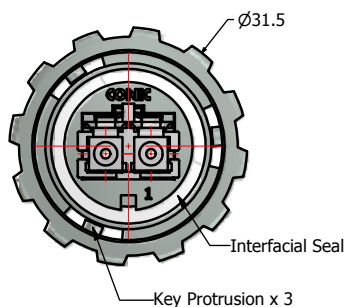
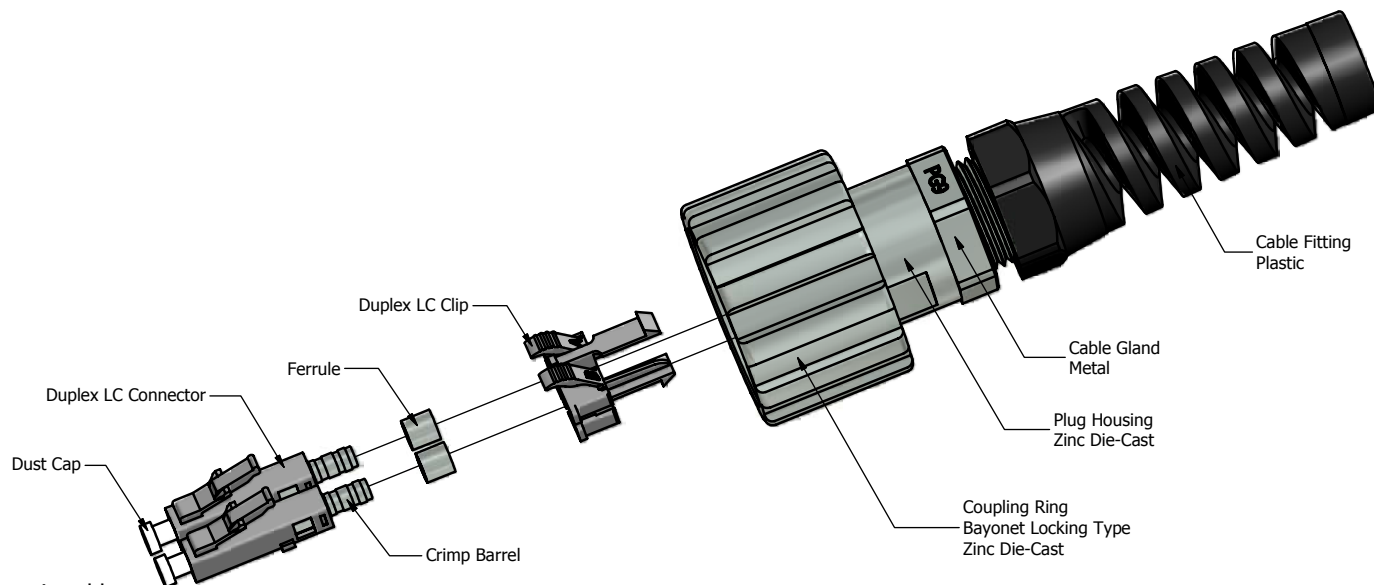
### (c) Duplex LC Clip: PC, Color: Black

- Operating Temperature: -40°C to +85°C

### 2. IP67 rated when covered or fully mated with the appropriate mating connector

### (d) 3. Accept 4.5mm to 8.0mm outside diameter fiber optic cable

### 4. RoHS compliant



| Description                  | Part Number |
|------------------------------|-------------|
| Single Mode (SM)             | 17-300080   |
| Multi Mode (MM)              | 17-300090   |
| (e) APC Single Mode (APC SM) | 17-300120   |

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 THE WRITTEN PERMISSION OF CONEC CORPORATION OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION | Customer: |          |       |      | Tolerance<br>Unless otherwise specified<br>0 PLC ±0.30<br>1 PLC ±0.20<br>2 PLC ±0.10<br>3 PLC ±0.05<br>ANGLES ±1° |      |                     | <br>Autodesk<br>Inventor |                                                                                       | Scale: |         | Dim. in mm |                                                                                     |  |                       |  |           |  |  |  |  |
|                                                                                                                                                                                                    |           |          |       |      |                                                                                                                   |      |                     |                                                                                                               |                                                                                       |        |         |            |                                                                                     |  |                       |  |           |  |  |  |  |
|                                                                                                                                                                                                    | Name      |          | Title |      | Approval Date                                                                                                     |      | Material: See Notes |                                                                                                               |                                                                                       |        |         |            |                                                                                     |  |                       |  |           |  |  |  |  |
|                                                                                                                                                                                                    |           |          |       |      |                                                                                                                   |      |                     |                                                                                                               |                                                                                       |        |         |            |                                                                                     |  |                       |  |           |  |  |  |  |
|                                                                                                                                                                                                    |           |          |       |      |                                                                                                                   |      | 2010                |                                                                                                               | Date                                                                                  |        | Name    |            | Title: IP67 Industrial Duplex LC<br>Plug Kit<br>Nickel Plated Zinc Die-Cast Version |  |                       |  |           |  |  |  |  |
|                                                                                                                                                                                                    | f         |          |       |      | July/12/2011                                                                                                      |      | Vincent Ke          |                                                                                                               | Draw.                                                                                 |        | Jun. 03 |            |                                                                                     |  | Vincent Ke            |  |           |  |  |  |  |
|                                                                                                                                                                                                    | e         |          |       |      | Nov/22/2010                                                                                                       |      | Vincent Ke          |                                                                                                               | Appd.                                                                                 |        | Jun. 03 |            |                                                                                     |  | J. Chaudry            |  |           |  |  |  |  |
|                                                                                                                                                                                                    | d         |          |       |      | Nov/04/2010                                                                                                       |      | Vincent ke          |                                                                                                               | Norm                                                                                  |        |         |            |                                                                                     |  |                       |  |           |  |  |  |  |
|                                                                                                                                                                                                    | c         |          |       |      | Jul/19/2010                                                                                                       |      | Vincent ke          |                                                                                                               | D-old                                                                                 |        |         |            |                                                                                     |  |                       |  |           |  |  |  |  |
|                                                                                                                                                                                                    | b         |          |       |      | Jun/18/2010                                                                                                       |      | Vincent ke          |                                                                                                               |  |        |         |            |                                                                                     |  | Drawing No.: 17K1A172 |  | DIN<br>A3 |  |  |  |  |
| a                                                                                                                                                                                                  |           | original |       |      |                                                                                                                   |      |                     |                                                                                                               |                                                                                       |        |         |            |                                                                                     |  |                       |  |           |  |  |  |  |
| Rev.                                                                                                                                                                                               |           | Changes  |       | Date |                                                                                                                   | Name |                     | Part No.: SEE PART NUMBER TABLE                                                                               |                                                                                       |        |         |            |                                                                                     |  | Sheet<br>1/1          |  |           |  |  |  |  |
|                                                                                                                                                                                                    |           |          |       |      |                                                                                                                   |      |                     |                                                                                                               |                                                                                       |        |         |            |                                                                                     |  |                       |  |           |  |  |  |  |