

Shielded  
Cat. 5e  
RJ45 Plug

Load Bar

Cable Fitting  
(Metal Version)

Plug Housing  
(Zinc Die-Cast Version)

Coupling Ring  
Bayonet Locking Style  
(Zinc Die-Cast version)

17.9 REF.

## 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:

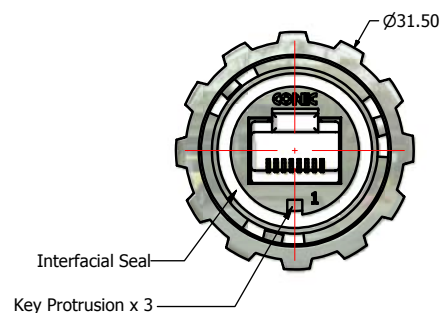
- Coupling Ring and Plug Housing: Zinc Die-Cast, Nickel Plated
- Interfacial Seal: Silicone, Color: White
- Cable Fitting: Brass, Nickel Plated
- Cable Fitting Rubber Ring: NBR, Color: Black
- RJ45 Plug Metal Shell: Copper Alloy, Nickel Plated
- RJ45 Plug Plastic Housing: Clear Polycarbonate UL94 V-0
- RJ45 Plug Contacts: Phosphor Bronze, Finish: 50u" Gold min. over Nickel

### 3. RJ45 Plug accepts both Stranded and Solid Cables with Outer Diameter of 4.83mm to 6.73mm

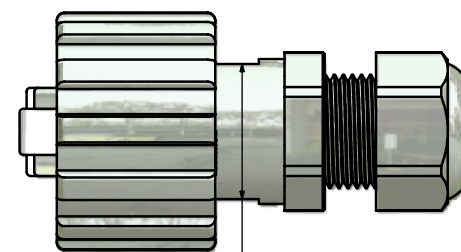
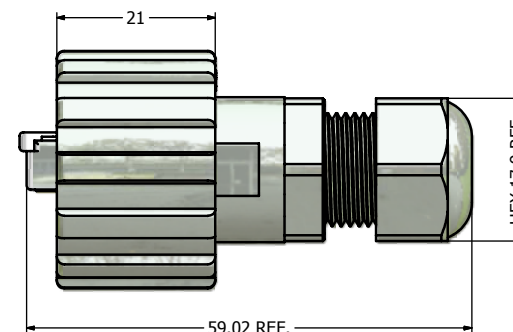
### 4. Metal Cable Gland accepts Cable Outer Diameter Range of 4.5mm to 8mm

### 5. RoHS compliant

### 6. IP67 rated when fully mated with the appropriate mating connector



Directive 2002/95/EC  
"RoHS"  
Compliant



|                                                                                                                                                                                                                                           |           |         |               |                                         |       |  |                                                                                     |                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|---------------|-----------------------------------------|-------|--|-------------------------------------------------------------------------------------|---------------------|
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|                                                                                                                                                                                                                                           | Name      | Title   | Approval Date | 0 PLC                                   | ±0.50 |  | Material: See Notes                                                                 |                     |
|                                                                                                                                                                                                                                           |           |         |               | 1 PLC                                   | ±0.38 |  |                                                                                     |                     |
|                                                                                                                                                                                                                                           |           |         |               | 2 PLC                                   | ±0.25 |  | Title:<br>RJ45 Plug Kit<br>with shielded Cat. 5e RJ45 Plug<br>Zinc Die-Cast Version |                     |
|                                                                                                                                                                                                                                           |           |         |               | 3 PLC                                   | ±0.10 |  |                                                                                     |                     |
|                                                                                                                                                                                                                                           |           |         |               | ANGLES                                  | ±.3   |  | Drawing No.: 17K1A147                                                               |                     |
|                                                                                                                                                                                                                                           |           |         |               |                                         |       |  |                                                                                     |                     |
|                                                                                                                                                                                                                                           | Rev.      | Changes | Date          | Name                                    |       |  | Part No.: 17-101794                                                                 | DIN A3<br>Sheet 1/1 |