



Part Number  .  .  .  

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FGG.3B.307.CLAD62Z

Status Active

Size/Series 3B / B

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MECHANICAL DETAILS

**Shell Style/Model** FG\*: Straight plug, cable collet and nut for fitting a bend relief  
**Keying** 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  
**Housing Material** Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces  
**Cable Fixing Variant** D62: 4.9 - 6.2 mm  
Z : Nut for fitting a bend relief

RECOMMENDED TOOLS

**Spanner:** DCP.91.023.TN  
**Torque wrench:** MTZ.3B.355.150

PERFORMANCE DETAILS

**Insert Configuration** 3B.307 : 7 Low Voltage  
**Insulator** L: PEEK  
**Contact Type:** Solder  
**Max. Matings:** 5000  
**Contact Dia.:** 1.6 mm (0.063in)  
**Bucket Dia.:** 1.4 mm (0.055in)  
**Max. Solid Conductor:** 1 mm² (AWG 16)  
**Max. Stranded Conductor:** 1 mm² (AWG 18)  
**R (max):** 3.5 mOhm  
**Rated Current (A):** 15  
**Vtest (contact-shell):** 1250 V (AC), 1770 V (DC)  
**Vtest (contact-contact):** 1700 V (AC), 2400 V (DC)

OTHER CHARACTERISTICS

**Endurance (Shell)**  
**Temp (min)** -55°C deg  
**Temp (max)** +250°C deg  
**Humidity (max):** <=95% [at 60 deg C/140 F]  
**Vibration:** 15 g [10 Hz - 2000 Hz]  
**Shock Resistance:** 100 g [ 6 ms]  
**Salt Spray Corrosion:** >1000 hr  
**Climatical Category:** 50/175/21  
**Shielding (min):** 75 dB (10 MHz)  
**Shielding (min):** 40 dB (1 GHz)  
**IP Rating** 50  
**Catalog**

