

Part Number

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**FGB.0B.307.CLAD56**

Status Active

Size/Series 0B / B

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**MECHANICAL DETAILS**

**Shell Style/Model** FG\*: Straight plug, cable collet  
**Keying** 2 keys (alpha=60, 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** D56: 5.3 - 5.6 mm

**RECOMMENDED TOOLS**

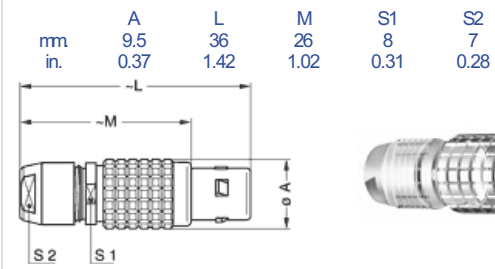
**Spanner:** DCP.91.001.TN  
**Torque wrench:** MTZ.0B.045.070

**PERFORMANCE DETAILS**

**Insert Configuration** 0B.307 : 7 Low Voltage  
**Insulator** L: FEEK  
**Contact Type:** Solder  
**Max. Matings:** 5000  
**Contact Dia.:** 0.5 mm (0.02in)  
**Bucket Dia.:** 0.45 mm (0.018in)  
**Max. Solid Conductor:** 0.09 mm<sup>2</sup> (AWG 28)  
**Max. Stranded Conductor:** 0.09 mm<sup>2</sup> (AWG 28)  
**R (max):** 8.7 mOhm  
**Rated Current (A):** 2.5  
**Vtest (contact-shell):** #700 V (AC), 990 V (DC)  
**Vtest (contact-contact):** 800 V (AC), 1130 V (DC)

**OTHER CHARACTERISTICS**

**Endurance (Shell)** 5000  
**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**



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