

**FGG.1K.308.KLAC65Z**

Status Active

Size/Series 1K / K

Matching EGG.1K.308.KLL

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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 (black chrome) shell and collet nut, nickel plated brass latch sleeve and mid pieces  
**Cable Fixing Variant** C65: 6.1 - 6.5 mm  
 Z : Nut for fitting a bend relief

**RECOMMENDED TOOLS**

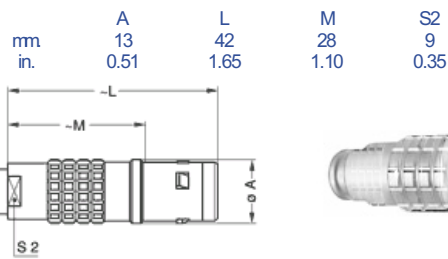
**Torque wrench:** MTZ.1E070.090

**PERFORMANCE DETAILS**

**Insert Configuration** 1K.308 : 8 Low Voltage  
**Insulator** L: PEEK  
**Contact Type:** Solder  
**Max. Matings:** 5000  
**Contact Dia.:** 0.7 mm (0.028in)  
**Bucket Dia.:** 0.8 mm (0.031in)  
**Max. Stranded Conductor:** 0.34 mm<sup>2</sup> (AWG 22)  
**Max. Conductor:** 0.34 mm<sup>2</sup> (AWG 22)  
**R (max):** 6.1 mOhm  
**Rated Current (A):** 5  
**Vtest (contact-shell):** 1150 V (AC), 1630 V (DC)  
**Vtest (contact-contact):** 950 V (AC), 1340 V (DC)

**OTHER CHARACTERISTICS**

**Endurance (Shell)** 5000 mating cycles  
**Temp (min)** -55°C deg  
**Temp (max)** +200°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):** 95 dB (10 MHz)  
**Shielding (min):** 80 dB (1 GHz)  
**IP Rating** 68  
**Catalog**


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