

## MECHANICAL DETAILS

**Shell Style Model** FG\* : Straight plug cable collet and nut for fitting a bend relief

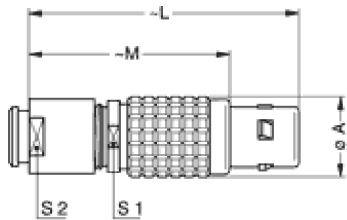
**Keying** 1 key (alpha=0, plug: male contacts, receptacle: female contacts)

**Housing Material** Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

**Cable Fixing** 4.3 - 5.2 mm

**Variant 2** Z : Nut for fitting a bend relief

	A	L	M	S1	S2
Mm.	9.5	35	25	8	7
In.	0.37	1.38	0.98	0.31	0.28



## PERFORMANCE DETAIL

**Insert** 0B.306 : 6 Low Voltage

**Insulator** L: PEEK

### Specifications

**Contact Type:** Solder

**Max. Matings:** 5000

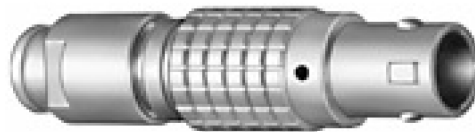
**Contact Dia.:** 0.5 mm (0.02in)

**Bucket Dia.:** 0.45 mm (0.018in)

**Max. Solid** 0.09 mm<sup>2</sup> (AWG 28)

**Max. Stranded** 0.09 mm<sup>2</sup> (AWG 28)

**R (max):** 8.7 mOhm



## OTHER CHARACTERISTICS

**Endurance (Shell)** Endurance (Shell):

**Temp (min)** -55°C

**Temp (max)** +250°C

**Humidity (max):** <=95% [at 60 deg C /140 F]

**Vibration:** 15 g [10 Hz - 2000 Hz]

**Shock Resistance:** 100 g [ 6 ms]

**Salt Spray** >144 hr

**Climatical** 50/175/21

**Shielding (min):** 75 dB (10 MHz)

**Shielding (min):** 40 dB (1 GHz)







**IP Rating** 50



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