

## MECHANICAL DETAILS

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

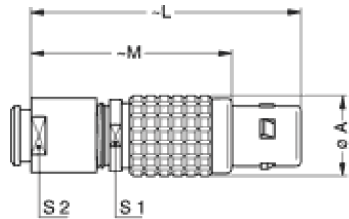
**Keying** 1 key (alpha=0, plug: male contacts, receptacle: female contacts)

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

**Cable Fixing** 5.3 - 6.2 mm

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

	A	L	M	S1	S2
Mm.	12	42	31	10	9
In.	0.47	1.65	1.22	0.39	0.35



## PERFORMANCE DETAIL

**Insert** 1B.305 : 5 Low Voltage

**Insulator** L: PEEK

### Specifications

**Contact Type:** Solder

**Max. Matings:** 5000

**Contact Dia.:** 0.9 mm (0.035in)

**Bucket Dia.:** 0.8 mm (0.031in)

**Max. Solid** 0.34 mm<sup>2</sup> (AWG 22)

**Max. Stranded** 0.34 mm<sup>2</sup> (AWG 22)

**R (max):** 4.8 mOhm



## OTHER CHARACTERISTICS

**Shell Style/Model** Libellé

**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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