

Part Number 

**FGG.0B.305.CLAD52**

Status Active

Size/Series 0B / B

Matching EGG.0B.305.CLL

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#### MECHANICAL DETAILS

**Shell Style/Model** FG\*: Straight plug, cable collet

**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** D52: 4.3 - 5.2 mm **NEW COLLET**

**Variant** :

|     | A    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 9.5  | 36   | 26   | 8    | 7    |
| in. | 0.37 | 1.42 | 1.02 | 0.31 | 0.28 |

#### PERFORMANCE DETAILS

**Insert Configuration** 0B.305 : 5 Low Voltage

**Insulator** L: PEEK

**Specifications**

**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)

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**R (max):** 6.1 mOhm

**Vtest (contact-shell):** 700 V (AC), 1000 V (DC)

**Vtest (contact-contact):** 1000 V (AC), 1400 V (DC)

**Rated Current:** 6.5 A (AC/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:** >144 hr

**Climatical Category:** 50/175/21

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

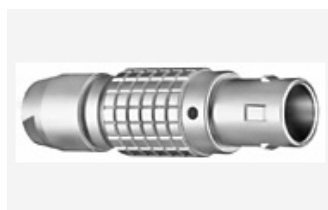
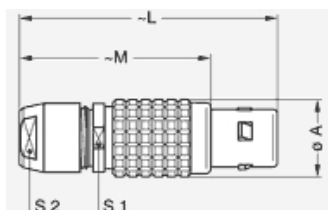
**Shielding (min):** 40 dB (1 GHz)

**IP Rating** 50

**Catalog**



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"";";";"; Note: You can still get the CAD file even if no 3D preview is displayed below.

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