

Part Number FGG · OB · 304 ·

FGG.0B.304.CLAD52

Size/Series OB / B

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MECHANICAL DETAILS

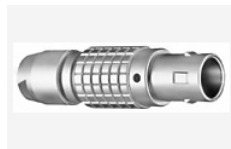
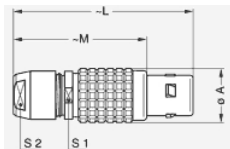
Shell Style/Model FG*: Straight plug, cable collet**Keying** 1 key (alpha=0, plug: male contacts, receptacle: female contacts)**Housing Material** Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces**Cable Fixing** D52: 4.3 - 5.2 mm**Variant** :**NEW COLLET**

	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.304 : 4 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 mm² (AWG 22)**Max. Conductor:** 0.34 mm² (AWG 22)**R (max):** 6.1 mOhm**Vtest (contact-contact):** 850 V (AC), 1200 V (DC)**Rated Current:** 7 A (AC/DC)**Vtest (contact-shell):** 1100 V (AC), 1560 V (DC)

OTHER CHARACTERISTICS

Endurance (Shell) 3839 mating cycles**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**[Download 3D draw](#)[Copyright](#) [Privacy policy](#) [Product safety](#)