

**FGJ.1B.310.CLLD52**

Status Active

Size/Series 1B / B

Matching EGJ.1B.310.CLA

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**MECHANICAL DETAILS**

**Shell Style/Model** FG\*: Straight plug, cable collet  
**Keying** 2 keys (gamma=45, plug: female contacts, receptacle: male 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** :  
**Matching Cable** CMN.10.T28.052PGCE  
 CMN.10.T28.052PNCE

**PERFORMANCE DETAILS**

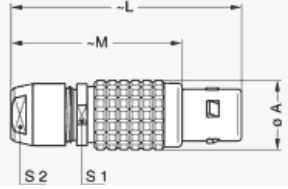
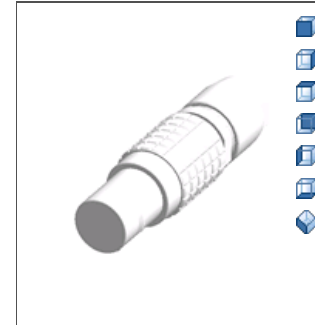
**Insert Configuration** 1B.310: 10 Low Voltage  
**Insulator** L: PEEK  
**Contact Type:** Solder  
**Max. Matings:** 5000  
**Contact Dia.:** 0.5 mm (0.02in)  
**Bucket Dia.:** 0.45 mm (0.018in)  
**Max. Solid Conductor:** 0.09 mm<sup>2</sup> (AWG 28)  
**Max. Stranded Conductor:** 0.09 mm<sup>2</sup> (AWG 28)  
**R(max):** 8.7 mOhm  
**Rated Current (A):** 2.5  
**Vtest (contact-shell):** 1500 V (AC), 2120 V (DC)  
**Vtest (contact-contact):** 900 V (AC), 1270 V (DC)  
**Spanner:** DCP.91.001.TN

**OTHER CHARACTERISTICS**

**Endurance (Shell)**  
**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:** >1000 hr  
**Climatical Category:** 50/175/21  
**Shielding (min):** 75 dB (10 MHz)  
**Shielding (min):** 40 dB (1 GHz)  
**IP Rating** 50

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	A	L	M	S1	S2
mm	12	43	32	10	9
in.	0.47	1.69	1.26	0.39	0.35


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