



Part Number

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**FHG.3B.310.CLAD10**

Status Active

Size/Series 3B / B

Matching EGG.3B.310.CLL

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**MECHANICAL DETAILS**

**Shell Style/Model** FH: Elbow 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** D10: 9.3 - 10 mm  
**Variant** :

**PERFORMANCE DETAILS**

**Insert Configuration** 3B.310 : 10 Low Voltage  
**Insulator** L: FEEK  
**Contact Type:** Solder  
**Max. Matings:** 5000  
**Contact Dia.:** 1.3 mm (0.051in)  
**Bucket Dia.:** 1 mm (0.039in)  
**Max. Solid Conductor:** 0.5 mm<sup>2</sup> (AWG 20)  
**Max. Stranded Conductor:** 0.5 mm<sup>2</sup> (AWG 20)  
**R (max):** 3.6 mOhm  
**Rated Current (A):** 12  
**Vtest (contact-shell):** 900 V (AC), 1270 V (DC)  
**Vtest (contact-contact):** 1250 V (AC), 1770 V (DC)  
**Spanner:** DCP.91.023.TN

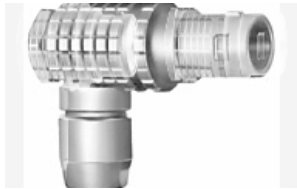
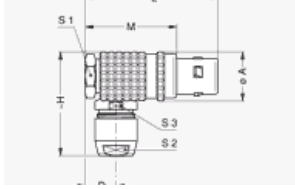
**OTHER CHARACTERISTICS**

**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	D	H	L	M	S1	S2	S3
mm	19	10	37	50	35	17	14	15
in.	0.75	0.39	1.46	1.97	1.38	0.67	0.55	0.59



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