



Part Number

**FHG.0K.302.CLAC45**

Size/Series / K

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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**  $\varnothing$ : 4.1 - 4.5 mm  
**Variant** :

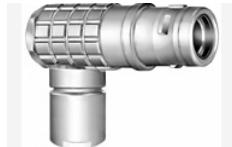
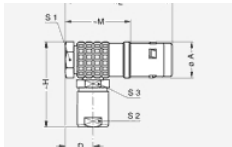
	A	D	H	L	M	S1	S2	S3
mm.	11.5	7.6	27	36	25	10	8	8
in.	0.45	0.30	1.06	1.42	0.98	0.39	0.31	0.31

**PERFORMANCE DETAILS**

**Insert Configuration** 0K.302 : 2 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 Conductor:** 0.34 mm<sup>2</sup> (AWG 22)  
**Max. Stranded Conductor:** 0.34 mm<sup>2</sup> (AWG 22)  
**R (max):** 4.8 mOhm  
**Vtest (contact-shell):** 1050 V (AC), 1490 V (DC)  
**Vtest (contact-contact):** 1300 V (AC), 1840 V (DC)  
**Rated Current:** 10 A (AC/DC)

**OTHER CHARACTERISTICS**

**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):** 95 dB (10 MHz)  
**Shielding (min):** 80 dB (1 GHz)  
**IP Rating** 68  
**Catalog**



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