



FGG.0B.309.CLAD52Z

MECHANICAL DETAILS

Shell Style Model FG* : Straight plug
cable collet and nut for fitting a bend relief

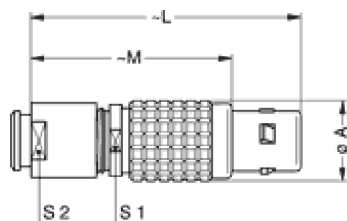
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)

Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Cable Fixing 4.3 - 5.2 mm

Variant 2 Z : Nut for fitting a bend relief

	A	L	M	S1	S2
Mm.	9.5	35	25	8	7
In.	0.37	1.38	0.98	0.31	0.28



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PERFORMANCE DETAIL

Insert 0B.309 : 9 Low Voltage

Insulator L: PEEK

Specifications

Contact Type: Solder

Max. Matings: 5000

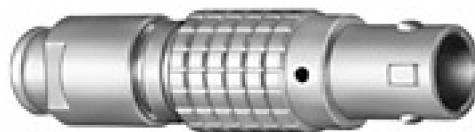
Contact Dia.: 0.5 mm (0.02in)

Bucket Dia.: 0.45 mm (0.018in)

Max. Solid 0.09 mm² (AWG 28)

Max. Stranded 0.09 mm² (AWG 28)

R (max): 8.7 mOhm



OTHER CHARACTERISTICS

Endurance (Shell) Endurance (Shell):

Temp (min) -55°C

Temp (max) +250°C

Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [6 ms]

Salt Spray >144 hr

Climatical 50/175/21

Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

IP Rating 50



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