

Part Number FGG · 1B · 307 ·

FGG.1B.307.CLAD52Z

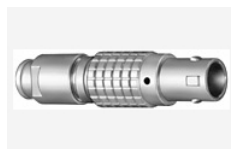
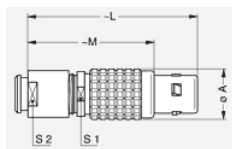
Size/Series 1B / B

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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	D52: 4.3 - 5.2 mm NEW COLLET				
Variant	Z : Nut for fitting a bend relief				

	A	L	M	S1	S2
mm.	12	42	31	10	9
in.	0.47	1.65	1.22	0.39	0.35

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PERFORMANCE DETAILS

Insert Configuration	1B.307 : 7 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 mm ² (AWG 22)
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R (max):	6.1 mOhm
Vtest (contact-shell):	1050 V (AC), 1490 V (DC)
Vtest (contact-contact):	950 V (AC), 1340 V (DC)
Rated Current:	7 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):	75 dB (10 MHz)
Shielding (min):	40 dB (1 GHz)
IP Rating	50
Catalog	

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