

Part Number **FGG.OB.305.CLAD52Z**

Size/Series OB / B

[Request a quote](#)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				

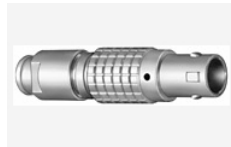
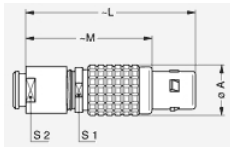
	A	L	M	S1	S2
mm.	9.5	35	25	8	7
in.	0.37	1.38	0.98	0.31	0.28

PERFORMANCE DETAILS

Insert Configuration	OB.305 : 5 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):	700 V (AC), 1000 V (DC)
Vtest (contact-contact):	1000 V (AC), 1400 V (DC)
Rated Current:	6.5 A (AC/DC)

OTHER CHARACTERISTICS

Endurance (Shell)	3839 mating cycles
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:	>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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