

Part Number 

FGG.1B.307.CLAD42Z

Status Active

Size/Series 1B / B

Matching EGG.1B.307.CLL

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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	D42: 2.5 - 4.2 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

PERFORMANCE DETAILS

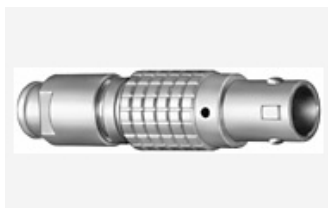
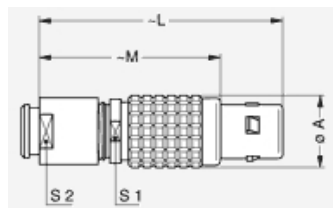
Insert Configuration	1B.307 : 7 Low Voltage
Insulator	L: PEEK
Specifications	
Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Stranded Conductor:	0.34 mm ² (AWG 22)
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R (max):	6.1 mOhm
Vtest (contact-shell):	1050 V (AC), 1490 V (DC)
Vtest (contact-contact):	950 V (AC), 1340 V (DC)
Rated Current:	7 A (AC/DC)

OTHER CHARACTERISTICS

Endurance (Shell)	
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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";";";"; Note: You can still get the CAD file even if no 3D preview is displayed below.
The 3D viewer requires the Java Runtime Environment (JRE) and for Java to be enabled on your system.

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For the Firefox users, Java can be blocked by your browser. More info on : <https://addons.mozilla.org/en-US/firefox/blocked/p80>