

Part
Number

ECG.1B.306.CLL

Status Active

Size/Series 1B / B

Matching FGG.1B.306.CLAD35

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MECHANICAL DETAILS

Shell Style/Model	EC*: Fixed receptacle with two nuts (back panel mounting)	
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	: 0 - 0 mm	
Variant	:	

	A	B	E	L	M	N	S1	S3	e
mm.	16	16	6	23	3.5	21.1	10.5	14	M12x1.0
in.	0.63	0.63	0.24	0.91	0.14	0.83	0.41	0.55	

PERFORMANCE DETAILS

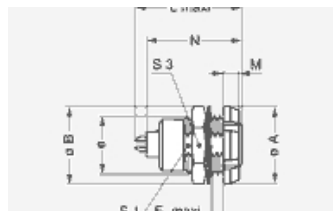
Insert Configuration	1B.306 : 6 Low Voltage
Insulator	L: PEEK
Specifications	
Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm ² (AWG 22)
Max. Stranded Conductor:	0.34 mm ² (AWG 22)
R (max):	6.1 mOhm
Vtest (contact-shell):	1200 V (AC), 1700 V (DC)
Vtest (contact-contact):	1050 V (AC), 1490 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.

If Java is not installed, go to

<http://www.java.com/en/download/manual.jsp>

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<https://addons.mozilla.org/en-US/firefox/blocked/p80>