



Part Number 

EGG.1B.305.CLL **Status** Active **Size/Series** 1B / B **Matching** FGG.1B.305.CLAD42 **Request a quote**

MECHANICAL DETAILS

Shell Style/Model EG*: Fixed receptacle, nut fixing
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.	14	16	7.5	23	1.5	21.1	10.5	14	M12x1.0
in.	0.55	0.63	0.30	0.91	0.06	0.83	0.41	0.55	

PERFORMANCE DETAILS

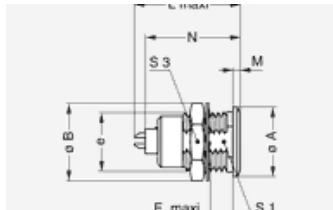
Insert Configuration 1B.305 : 5 Low Voltage
Insulator L: PEEK
Specifications
Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
R (max): 4.8 mOhm
Vtest (contact-shell): 1150 V (AC), 1630 V (DC)
Vtest (contact-contact): 1250 V (AC), 1770 V (DC)
Rated Current: 9 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



 [Download 3D draw](#)



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