

Part
Number

ECG.1B.307.CLN

Status Active

Size/Series 1B / B

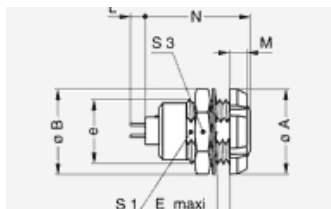
Matching FGG.1B.307.CLAD35

[Request a quote](#)

MECHANICAL DETAILS

Shell Style/Model	EC*: Fixed receptacle with two nuts and straight contact for printed circuit (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	M	N	S1	S3	e
mm.	16	16	6	3.5	19.8	10.5	14	M12x1.0
in.	0.63	0.63	0.24	0.14	0.78	0.41	0.55	



PERFORMANCE DETAILS

Insert Configuration	1B.307 : 7 Low Voltage
Insulator	L: PEEK
Specifications	
Contact Type:	Print (straight)
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.028in)
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	



[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>