

Part Number 

EXG.1B.306.HLN

Status Active

Size/Series 1B / B

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MECHANICAL DETAILS

Shell Style/Model	EX*: Elbow receptacle for printed circuit with two nuts (solder or screw fixing, back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	PPS (Polyphenylene) shell, other pieces nickel plated brass
Cable Fixing	: 0 - 0 mm
Variant	:

	A	B	D	E	H	I	K	L	M	N	S3	e
mm.	14	15	16.5	7.5	7.7	14	13.2	27	3.5	14	13	M11x0.5
in.	0.55	0.59	0.65	0.30	0.30	0.55	0.52	1.06	0.14	0.55	0.51	

PERFORMANCE DETAILS

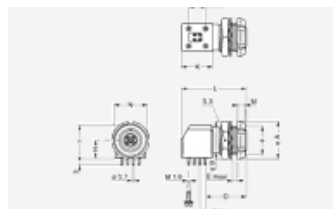
Insert Configuration	1B.306/EXG : 6 Low Voltage
Insulator	L: PEEK
Specifications	
Contact Type:	Print (straight)
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.028in)
R (max):	6.1 mOhm
Test Voltage contact-contact (kV rms)	1.35
Test Voltage contact-shell (kV rms)	1.45
Rated current (A)	4.5

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>

For the Firefox users, Java can be blocked by your browser. More info on :

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