

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	1B
Termination type	Female print 90° PCB
IP rating	50
AWG wire size	22.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.1B.306.CLAD42Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts and elbow contacts 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
Weight	11.40 g

Performance

Configuration	1B.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

Specifications

Contact Type: Print (elbow)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

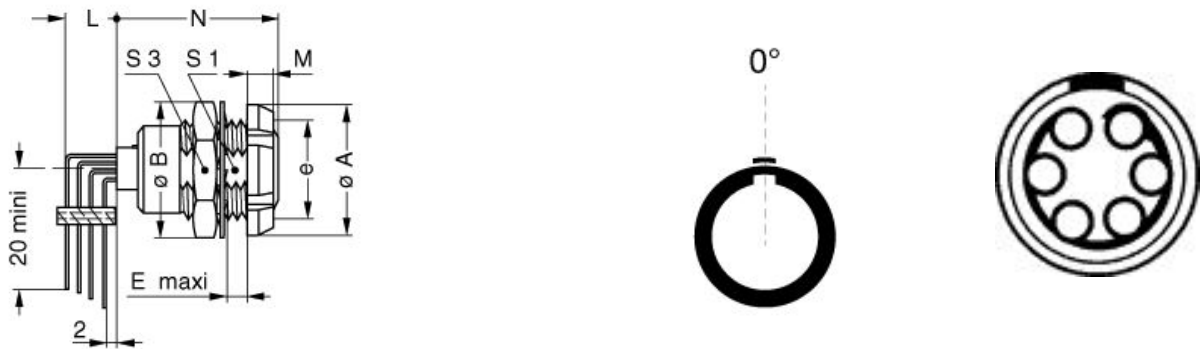
Others

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Endurance (Shell): 5000
Temp (min / max): -55 °C / +250 °C
Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS

Draws



Dimensions

	A	B	E	Lmax	M	Nmax	S1	S3	e
mm.	16	15.8	6	32.96	3.5	20.3	10.5	14	M12x1.0
in.	0.63	0.62	0.24	1.30	0.14	0.80	0.41	0.55	

RECOMMENDED BY LEMO

Tools

Spanner 2: [DCH.91.161.PA](#)

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