

SUMMARY



Image is for illustrative purpose only

Wires

Low	5
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	1B
Termination type	Female print 90° PCB
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FGA.1B.305.CLAD42
Status	
Alternative part	

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts, with elbow contact for printed circuit (back panel mounting)
Keying	2 keys (alpha=30, 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	

Performance

Configuration	1B.305 : 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

Specifications

Contact Type: Print (elbow)
Max. Matings: 5000
Contact Dia.: 0.9 mm (0.035in)
R (max): 4.8 mOhm
Vtest (contact-shell): 1150 V (AC), 1630 V (DC)

Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

Others

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]
Salt Spray Corrosion: >1000 hr
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	E	M	Nmax	S1	S3	e
mm.	16	16	6	3.5	20.3	10.5	14	M12x1.0
in.	0,63	0,63	0,24	0,14	0,80	0,41	0,55	

RECOMMENDED BY LEMO

Tools

Spanner 2: DCH.91.161.PA

Cables

