

## SUMMARY



*Image is for illustrative purpose only*

### # Wires

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

### Download

- [Request a quote](#)
- [PCB Eagle Pattern](#)
- [Catalog](#)

Series	1B
Termination type	Female print 90° PCB
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FGB.1B.305.CLAD42Z
Status	active
Alternative part	

## 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=60, 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	
Weight	11.05 g

### 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

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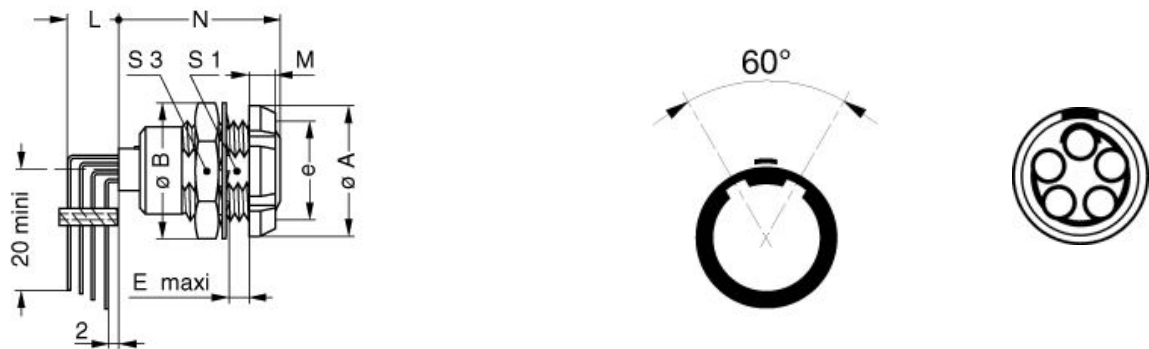
Contact Dia.: 0.9 mm (0.035in)  
 R (max): 4.8 mOhm  
 Vtest (contact-shell): 1150 V (AC), 1630 V (DC)  
 Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

## 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  
 Climatological 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

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## Tools

Spanner 2: DCH.91.161.PA

## Cables

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