

## SUMMARY

### # Wires

Low voltage	5
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*Image is for illustrative purpose only*

Series	2B
Termination type	Female print 90° PCB
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FGG.2B.305.CLAD52</a>

### Download

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

## 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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	16.62 g

### Performance

Configuration	2B.305 : 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

### Specifications

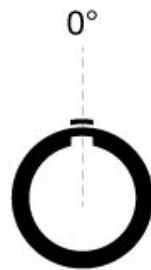
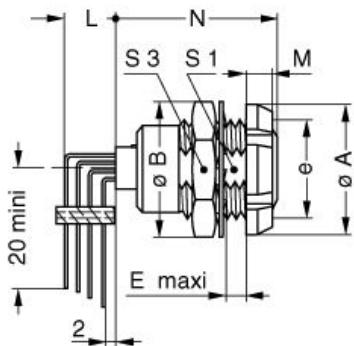
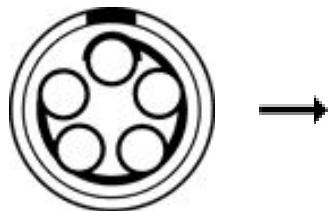
Contact Type:	Print (elbow)
Contact Dia.:	1.3 mm (0.051in)
R (max):	3.6 mOhm
Vtest (contact-shell):	1600 V (AC), 2250 V (DC)
Vtest (contact-contact):	1750 V (AC), 2500 V (DC)

### 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



### Dimensions

	A	B	E	M	Nmax	S1	S3	e
mm.	20	19.2	6.5	3.5	22.3	13.5	17	M15x1.0
in.	0,79	0,76	0,26	0,14	0,88	0,53	0,67	

## RECOMMENDED BY LEMO

### Tools

Spanner 2: [DCH.91.201.PA](#)

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