

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 5

Series 0B  
Termination type Female print 90° PCB  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGG.0B.305.CLAD52Z](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EE\*: Fixed receptacle, nut fixing with 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 6.04 g

### Performance

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

### Specifications

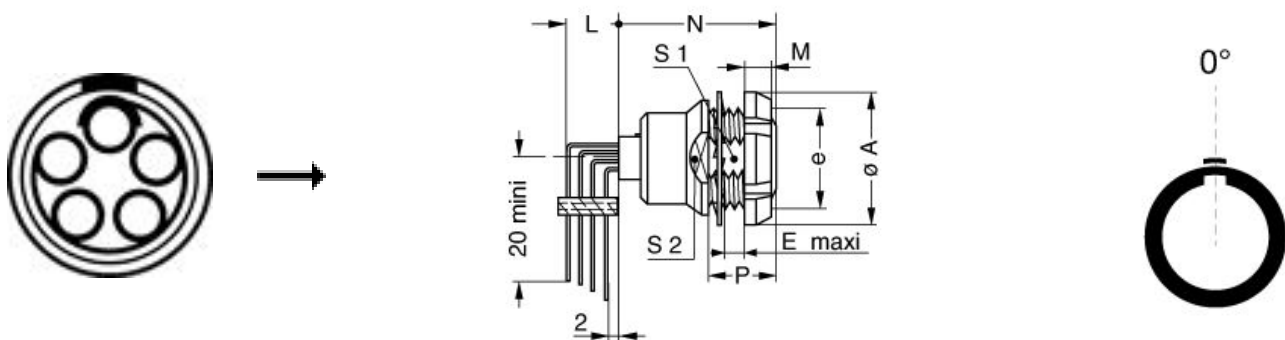
Contact Type: Print (elbow)  
Contact Dia.: 0.7 mm (0.028in)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 700 V (AC), 990 V (DC)  
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

### 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]  
 Climatological 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	L	M	N	P	S1	S2	e
mm.	12	12.5	2.4	20.7	2.5	16.3	6.3	8.2	9	M9x0.6
in.	0,47	0,49	0,09	0,81	0,10	0,64	0,25	0,32	0,35	

## RECOMMENDED BY LEMO

### Tools

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