

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 6

Series 0B  
Termination type Male solder  
IP rating 50  
AWG wire size 34.00 - 28.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGJ.0B.306.CLLD52](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EG\*: Fixed receptacle, nut fixing  
Keying 2 keys (gamma=45, plug: female contacts, receptacle: male 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 4.17 g

### Performance

Configuration 0B.306 : 6 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 2.5 Amps

### Specifications

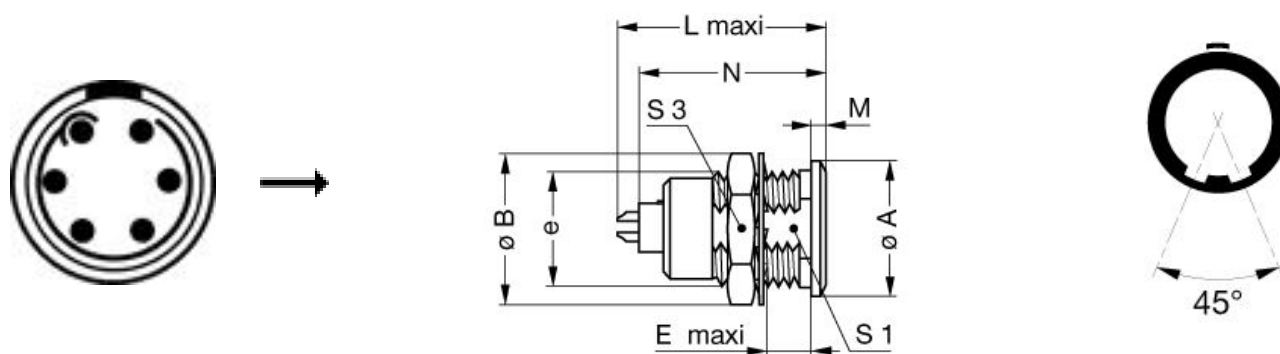
Contact Type: Solder  
Contact Dia.: 0.5 mm (0.02in)  
Bucket Dia.: 0.45 mm (0.018in)  
Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 650 V (AC), 920 V (DC)  
Vtest (contact-contact): 850 V (AC), 1200 V (DC)

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## Others

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	L	M	N	S1	S3	e
mm.	10	12.5	7	20.7	1.2	19.1	8.2	11	M9x0.6
in.	0,39	0,49	0,28	0,81	0,05	0,75	0,32	0,43	

## RECOMMENDED BY LEMO

## Tools

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## Cables

CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		Grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNZE			
12080	PVC	Grey	
6280	PVC	Black	

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[ELF.00.250.NTL](#) [ERA.01.250.DLL](#) [BRR.2S.200.PZVG](#) [HR10A-P](#) [CAH.M34.SLL.C72GZ](#) [CAJ.M34.SLL.C72GZ](#) [300500](#) [ESB.00.303.NLL](#)  
[EXG.0B.309.HLN](#) [FFB.1S.250.CLAC27](#) [FGA.2B.306.CYCD92](#) [FGA.2B.306.CYCD92Z](#) [FGA.XB.312.CLAD72](#) [FGJ.1B.302.CYMD62](#)  
[FGJ.3B.308.CLLD72Z](#)