

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

Series	0B
Termination type	Female solder
IP rating	50
AWG wire size	34.00 - 28.00
Cable Ø	4.30 - 5.20 mm
Status	Active
Matching parts	<a href="#">FGG.0B.306.CLAD52Z</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PF*: Fixed receptacle, with two nuts, cable collet (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
Variant	Z : Nut for fitting a bend relief
Weight	10.00 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

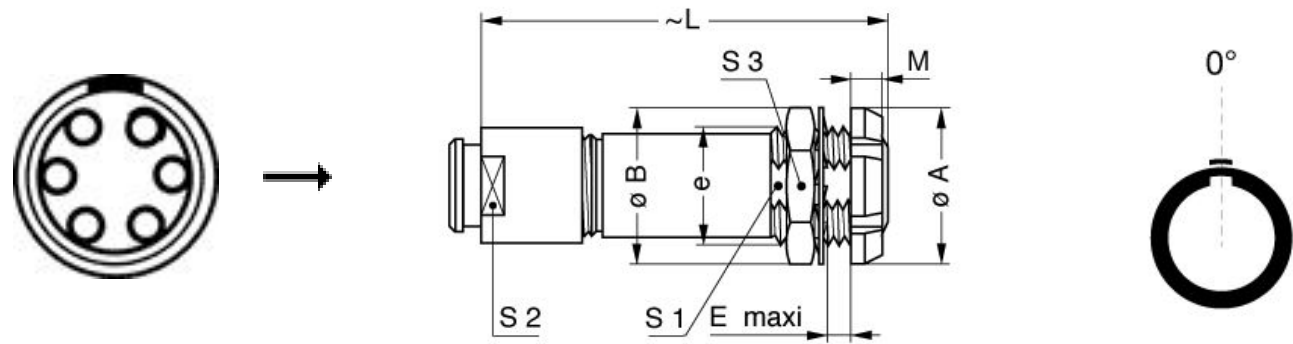
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Vtest (contact-shell): 650 V (AC), 920 V (DC)  
Vtest (contact-contact): 850 V (AC), 1200 V (DC)

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	S1	S2	S3	e
mm.	12	12.5	5	34.5	2.5	8.2	7	11	M9x0.6
in.	0,47	0,49	0,20	1,36	0,10	0,32	0,28	0,43	

RECOMMENDED BY LEMO

Tools

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Spanner wrench: [Socket for torque wrench DCM.0S.M09.4](#)

Cables

CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNZE			
6280	PVC	Black	

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