

## SUMMARY

### # Wires

Low	6
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	0B
Termination type	Female solder
IP rating	50
Cable Ø	4.30 - 5.20 mm
Matching parts	FGG.0B.306.CLAD52Z
Status	active
Alternative part	

## 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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 4.3 - 5.2 mm
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-0/3.2, depends on material thickness)
Rated Current	2.5 Amps

### Specifications

Contact Type: Solder  
Max. Matings: 3000

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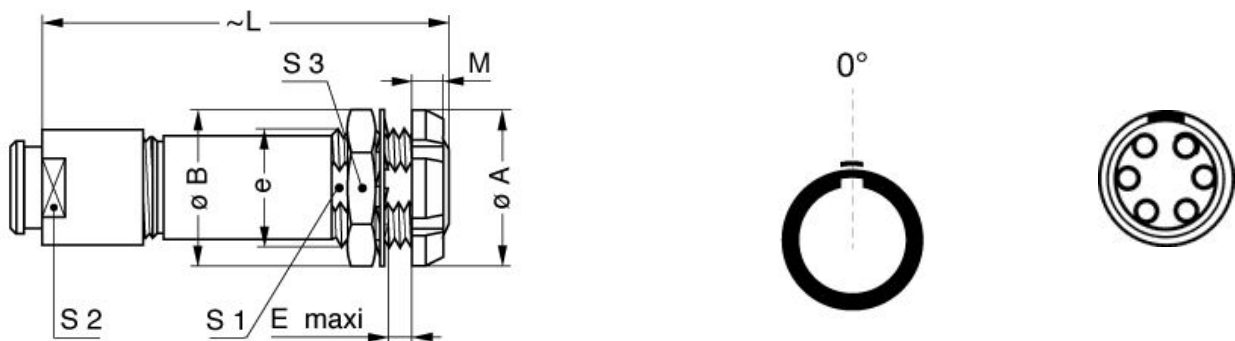
Contact Dia.: 0.5 mm (0.02in)  
 Bucket Dia.: 0.45 mm (0.018in)  
 Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
 Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
 R (max): 8.7 mOhm  
 Vtest (contact-shell): 650 V (AC), 920 V (DC)  
 Vtest (contact-contact): 850 V (AC), 1200 V (DC)

## 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]  
 Salt Spray Corrosion: >1000 hr  
 Climatical 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	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	

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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: DCD.0B.005.PA070

## Cables

CMN.06.T28.044PGCE	PVC	GREY	
CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNCE	PVC	Black	
CMN.06.T28.044PNZE			
006 280	PVC	Black	

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