

## SUMMARY

### # Wires

Low voltage	9
Coax	1



Image is for illustrative purpose only

Series	3B
Termination type	Male solder mixed / multi coax
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">EGG.3B.809.CLL3</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
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	48.72 g

### Performance

Configuration	3B.809 : 1 Coax (50 Ohm), 9 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

### Specifications

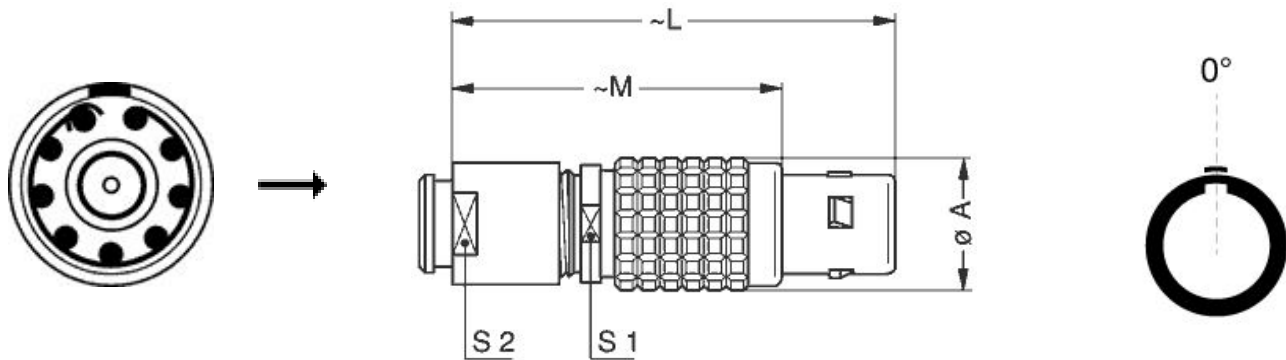
Contact Type:	Coaxial 50 Ohm (Solder) Type A1
Contact Dia.:	0.7 mm (0.028in)
Max. Solid Conductor:	0.5 mm <sup>2</sup> (AWG 20)
Max. Stranded Conductor:	0.14 mm <sup>2</sup> (AWG 26)
R (max):	3.8 mOhm
Test voltage (kV rms):	1
Test voltage (kV dc):	1.5

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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	L	M	S1	S2
mm.	18	56.5	41.5	15	15
in.	0,71	2,22	1,63	0,59	0,59

## RECOMMENDED BY LEMO

### Tools

Spanner 2: [DCP.99.050.TC](#)

Die Tool: [DCP.99.050.TC](#)

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Spanner wrench: [DCD.3B.040.PA150](#)

Caps: [BFG.3B.100.PCSG](#)

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