

## SUMMARY

### # Wires

Low voltage	2
Coax	1



*Image is for illustrative purpose only*

Series	2B
Termination type	Male solder mixed / multi coax
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	3.10 - 4.00 mm
Status	obsolete
Alternative part	<a href="#">FGG.2B.802.CLAD42</a>
Matching parts	<a href="#">EGG.2B.802.CLL2</a>

### Download

[Request a quote](#)

[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
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

### Performance

Configuration	2B.802 : 1 Coax (50 Ohm), 2 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

### Specifications

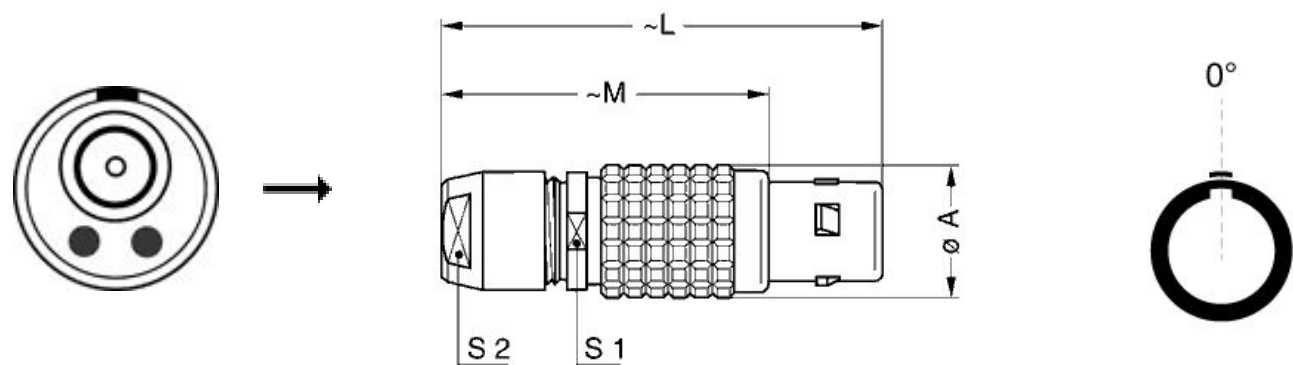
Contact Type: Coaxial 50 Ohm (Solder) Type A1
Contact Dia.: 0.7 mm (0.028in)
Max. Solid Conductor: 0.5 mm <sup>2</sup> (AWG 20)
Max. Stranded Conductor: 0.14 mm <sup>2</sup> (AWG 26)
R (max): 3.8 mOhm
Test voltage (kV rms): 0.85
Test voltage (kV dc): 1.2

### Others

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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.	15	50	38	13	12
in.	0,59	1,97	1,50	0,51	0,47

## RECOMMENDED BY LEMO

### Tools

- Die Tool: [DCP.99.050.TC](#)  
Spanner wrench: [DCD.2B.025.PA120](#)  
Caps: [BFG.2B.100.PCSG](#)

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

*LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

LEMO:

[FGG.2B.802.CLAM42](#)