

## SUMMARY

### # Wires

Low voltage	12
Coax	1



*Image is for illustrative purpose only*

Series	3B
Termination type	Male crimp mixed / multi coax
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Alternative part	<a href="#">FGG.3B.812.CLCD92Z</a>
Matching parts	<a href="#">EGG.3B.812.CLL1</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	52.64 g

### Performance

Configuration	3B.812 : 1 Coax (50 Ohm), 12 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 Amps

### Specifications

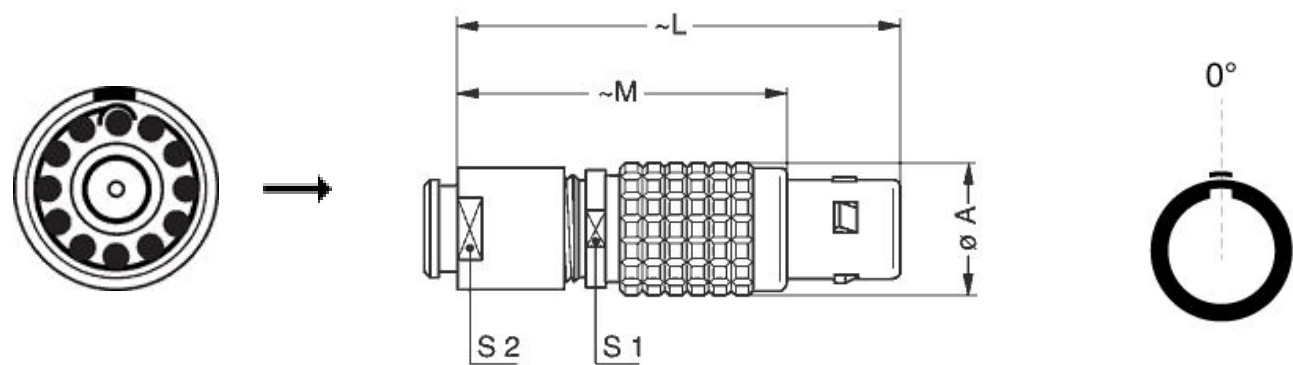
Contact Type:	Coaxial 50 Ohm (Crimp) Type A1
Contact Dia.:	0.7 mm (0.03in)
R (max):	3.8 mOhm
Test voltage (kV rms):	0.9
Test voltage (kV dc):	1.3

### Others

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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

- Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 20-22-24/6-5-5  
Positionner: [DCE.91.093.BVC](#)

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Extractor:	<a href="#"><u>DCF.91.093.5LT</u></a>
Spanner 2:	<a href="#"><u>DCP.99.050.TC</u></a>
Die Tool:	<a href="#"><u>DCP.99.050.TC</u></a>
Replacement contact:	FGG.3B.560.ZZC
Spanner wrench:	<a href="#"><u>DCD.3B.040.PA150</u></a>
Caps:	<a href="#"><u>BFG.3B.100.PCSG</u></a>

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