

SUMMARY

Wires

Low voltage	2
Coax	3



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	7.80 - 9.20 mm
Status	active
Alternative part	FGG.3B.862.CLCD921
Matching parts	ECG.3B.862.CLM3

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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
Weight	51.01 g

Performance

Configuration	3B.862 : 3 Coax (50 Ohm), 2 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

Specifications

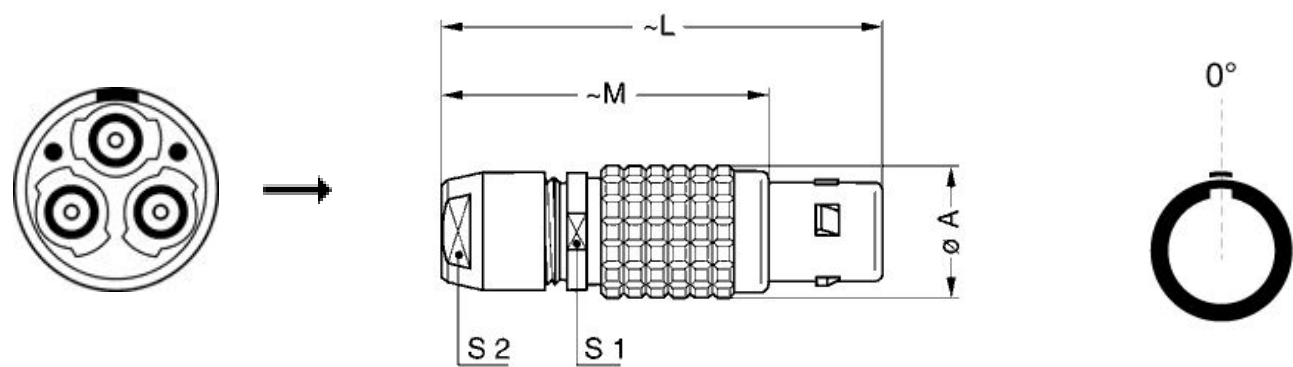
Contact Type: Coaxial 50 Ohm (Crimp) Type C
Contact Dia.: 0.7 mm (0.028in)
Min. Conductor: 0.34 mm² (AWG 22)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 5.8 mOhm
Test voltage (kV rms): 1.1
Test voltage (kV dc): 1.6
Cable type: RG 174 A/U, RG 188 A/U, RG 316 /U

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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	58	43	15	14
in.	0,71	2,28	1,69	0,59	0,55

RECOMMENDED BY LEMO

Tools

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

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Positionner:	<u>DCE.91.093.BVC</u>
Extractor:	<u>DCC.91.393.4LT</u>
Die Tool:	<u>DPE.99.103.8K</u>
Replacement contact:	FGG.3B.560.ZZC
Spanner wrench:	<u>DCD.3B.040.PA140</u>
Caps:	<u>BFG.3B.100.PCSG</u>

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