

SUMMARY

Wires

Coax 2



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
Matching parts [EGG.3B.846.CLL1](#)

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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 50.57 g

Performance

Configuration 3B.846 : 2 Coax (50 Ohm), 6 Low V.
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 10 Amps

Specifications

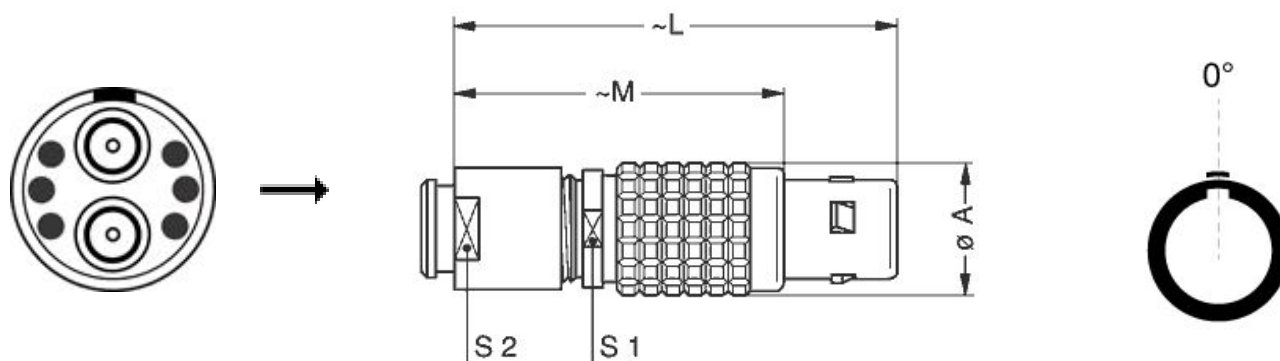
Contact Type: Coaxial 50 Ohm (Crimp) Type C
Contact Dia.: 0.7 mm (0.028in)
Min. Conductor: 0.34 mm² (AWG 22)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 5.8 mOhm
Test voltage (kV rms): 0.9
Test voltage (kV dc): 1.3

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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

Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 20-22-24/6-5-5

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Positionner: [DCE.91.093.BVC](#)
Extractor: [DCC.91.384.5LA](#)
Die Tool: [DPE.99.103.8K](#)
Replacement contact: FGG.3B.560.ZZC
Spanner wrench: [DCD.3B.040.PA150](#)
Caps: [BFG.3B.100.PCSG](#)

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[FGJ.1B.304.CLLD76](#) [FGJ.1B.306.CWLD72](#) [FGJ.3B.304.CYMD10Z](#) [FGJ.3B.304.CYMD82Z](#) [PCS.01.250.DLLE24](#) [PHG.0K.305.CYMC40Z](#)
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[FGJ.3B.308.CLLD72Z](#)