

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	9.90 - 11.00 mm
Status	active
Matching parts	EEG.3B.812.CLM1

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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
Variant	Z : Nut for fitting a bend relief
Weight	50.97 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

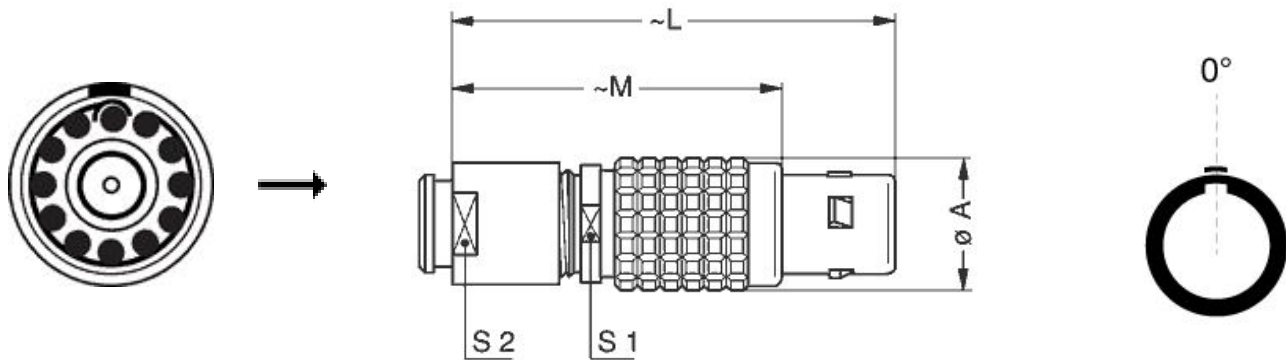
Contact Type:	Coaxial 50 Ohm (Crimp) Type A1
Contact Dia.:	0.7 mm (0.03in)
R (max):	3.8 mOhm
Test voltage (kV rms):	0.9
Test voltage (kV dc):	1.3

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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: [DCF.91.093.5LT](#)
Spanner 2: [DCP.99.050.TC](#)
Die Tool: [DCP.99.050.TC](#)
Replacement contact: FGG.3B.560.ZZC
Spanner wrench: [DCD.3B.040.PA150](#)
Caps: [BFG.3B.100.PCSG](#)

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