

SUMMARY

Wires

Low voltage	16
Coax	2



Image is for illustrative purpose only

Series	3B
Termination type	Male solder mixed / multi coax
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	10.80 - 11.90 mm
Status	active
Matching parts	ECG.3B.856.CLL1

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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	46.74 g

Performance

Configuration	3B.856 : 2 Coax (50 Ohm), 16 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

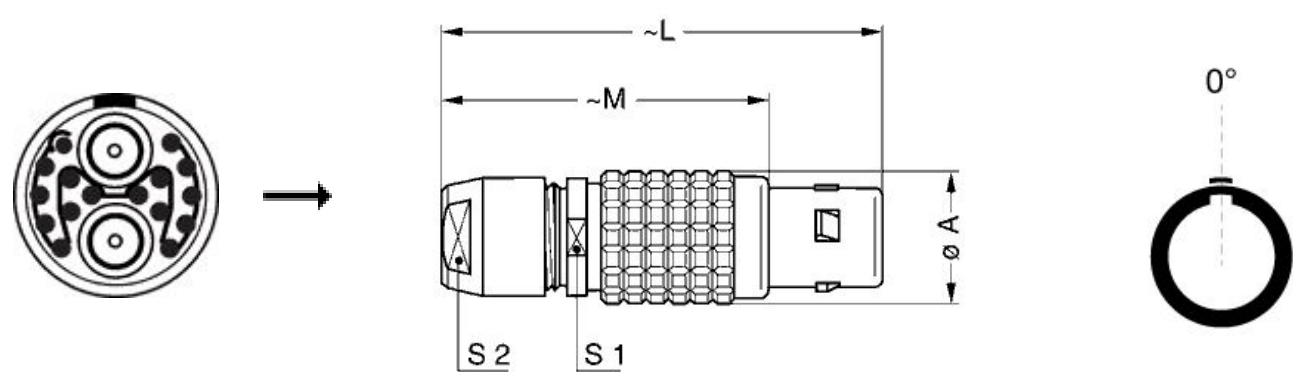
Contact Type:	Coaxial 50 Ohm (Crimp) Type C
Contact Dia.:	0.7 mm (0.03in)
R (max):	5.8 mOhm
Test voltage (kV rms):	0.7
Test voltage (kV dc):	1
Cable type:	RG 174 A/U, RG 188 A/U, RG 316 /U

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

RECOMMENDED BY LEMO

Tools

- Extractor: [DCC.91.384.5LA](#)
Die Tool: [DPE.99.103.8K](#)
Spanner wrench: [DCD.3B.040.PA140](#)

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Caps:

[BFG.3B.100.PCSG](#)

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