

SUMMARY

Wires

Low voltage	4
Coax	1



Image is for illustrative purpose only

Series	2B
Termination type	Male solder mixed / multi coax
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	ECG.2B.804.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
Variant	Z : Nut for fitting a bend relief
Weight	30.75 g

Performance

Configuration	2B.804 : 1 Coax (50 Ohm), 4 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

Contact Type: Coaxial 50 Ohm (Solder) Type A1
Contact Dia.: 0.7 mm (0.028in)
Max. Solid Conductor: 0.5 mm ² (AWG 20)
Max. Stranded Conductor: 0.14 mm ² (AWG 26)
R (max): 3.8 mOhm
Test voltage (kV rms): 0.75

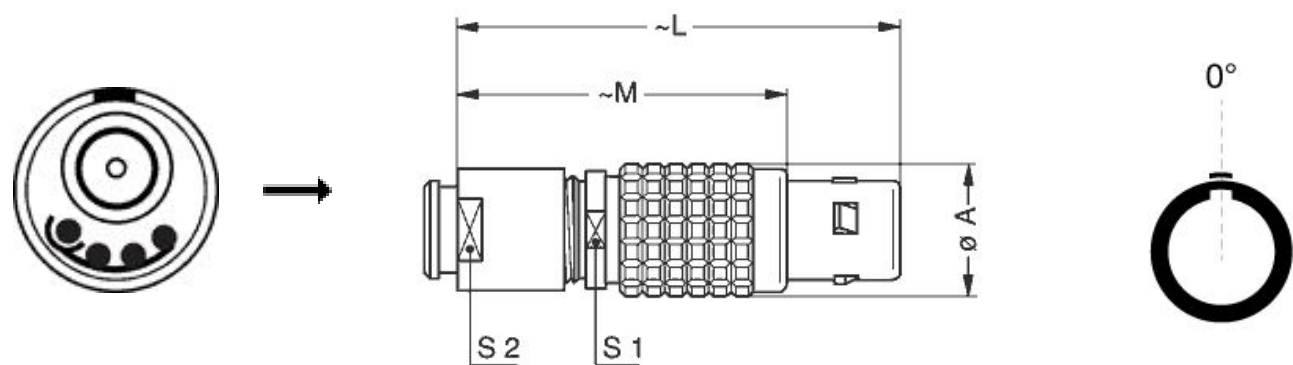
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Test voltage (kV dc): 1.05

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.	15	49	37	13	12
in.	0,59	1,93	1,46	0,51	0,47

RECOMMENDED BY LEMO

Tools

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Die Tool:	<u>DCP.99.050.TC</u>
Spanner wrench:	<u>DCD.2B.025.PA120</u>
Caps:	<u>BFG.2B.100.PCSG</u>

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