

SUMMARY

Wires

Low voltage	18
Coax	2



Image is for illustrative purpose only

Series	4B
Termination type	Male crimp mixed / multi coax
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	EGG.4B.858.CLL3

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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	138.27 g

Performance

Configuration	4B.858 : 2 Coax (50 Ohm), 18 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 (0.028in)
Min. Conductor: 0.34 mm ² (AWG 22)
Max. Conductor: 0.34 mm ² (AWG 22)
R (max): 5.8 mOhm
Test voltage (kV rms): 0.8

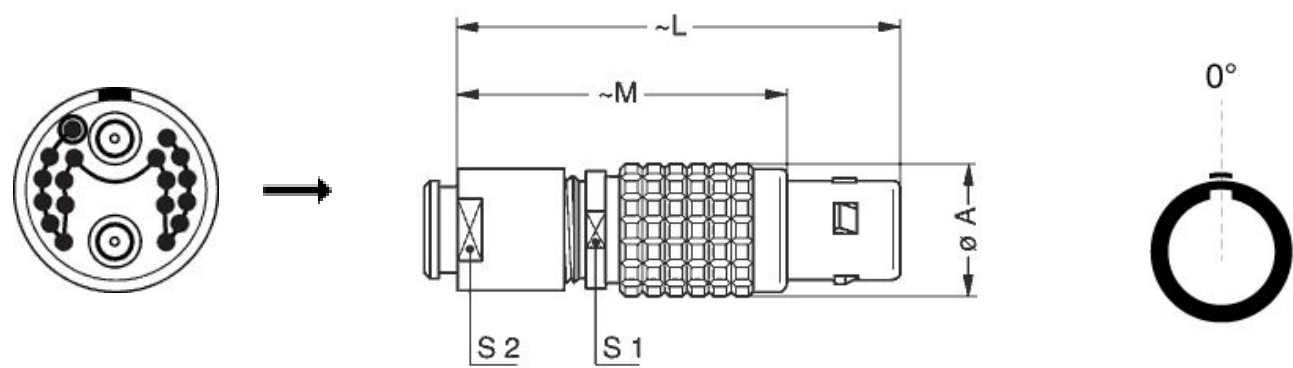
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Test voltage (kV dc): 1.1

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.	25	71	53	21	20
in.	0,98	2,80	2,09	0,83	0,79

RECOMMENDED BY LEMO

Tools

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Crimp Tool:	DPC.91.701.V
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	DCE.91.074.BVC
Extractor:	DCC.91.384.5LA
Die Tool:	DPE.99.103.8K
Replacement contact:	FGG.4B.555.ZZC
Caps:	BFG.4B.100.NAS

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