

SUMMARY

Wires

Low voltage	4
High voltage	1



Image is for illustrative purpose only

Series	2B
Termination type	Male solder Hybrid High-Voltage
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	3.30 - 4.20 mm
Status	active

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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	
Variant	Z : Nut for fitting a bend relief
Weight	29.70 g

Performance

Configuration	2B.704 : 1 High V. 4 Low V.
Insulator	J: PEEK/PEEK
Rated Current	5 Amps

Specifications

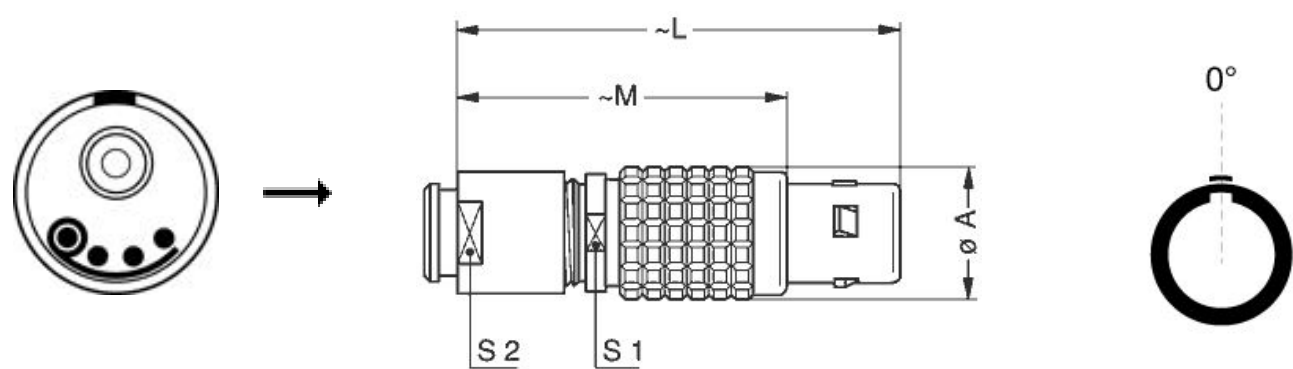
Contact Type: Solder
Test voltage HV Ue (kV dc) 7.5
Test voltage HV Ue (kV rms) 5.3
Rated current HV (A) 8
Test voltage LV cont-cont sold.(kV rms) 0.85
Test voltage LV cont-shell sold.(kV rms) 1.2
Rated current LV (A) 5

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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)

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

- Spanner wrench: [DCD.2B.025.PA120](#)
- Caps: [BFG.2B.100.PCSG](#)

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