

SUMMARY

Wires

Low voltage	9
High voltage	1



Image is for illustrative purpose only

Series	3B
Termination type	Male solder Hybrid High-Voltage
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	9.90 - 11.00 mm
Status	active
Matching parts	EGG.3B.709.CJL

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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

Performance

Configuration	3B.709 : 1 High V. 9 Low V.
Insulator	J: PEEK/PEEK
Rated Current	3 Amps

Specifications

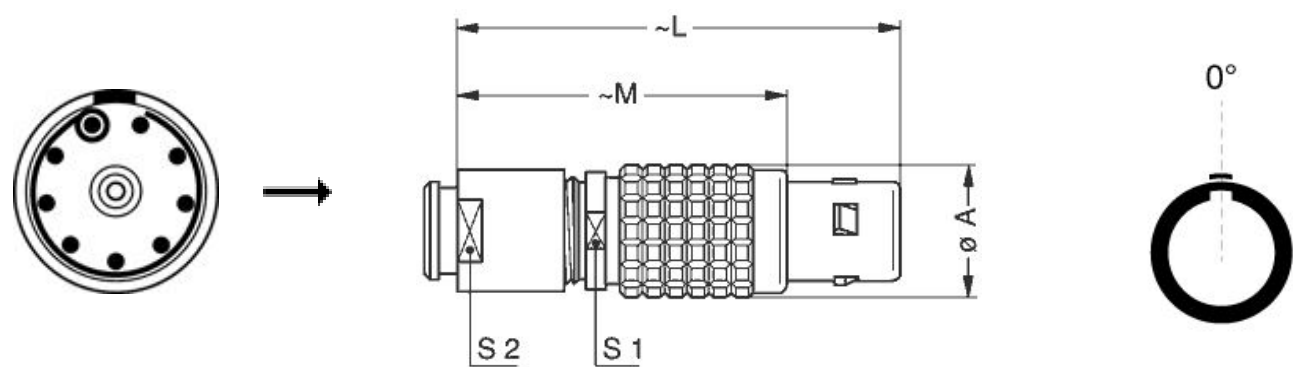
Contact Type:	Solder
Test voltage HV Ue (kV dc)	12
Test voltage HV Ue (kV rms)	8.5
Rated current HV (A)	4
Test voltage LV cont-cont sold.(kV rms)	1.7
Test voltage LV cont-shell sold.(kV rms)	0.9
Rated current LV (A)	5

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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)
- 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

- Spanner wrench: [DCD.3B.040.PA150](#)
- Caps: [BFG.3B.100.PCSG](#)

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