

## SUMMARY

### # Wires

Low voltage	6
High voltage	1



*Image is for illustrative purpose only*

Series	2B
Termination type	Male solder Hybrid High-Voltage
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	<a href="#">EGG.2B.706.CJL</a>

### Download

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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	29.88 g

### Performance

Configuration	2B.706 : 1 High V. 6 Low V.
Insulator	J: PEEK/PEEK
Rated Current	2 Amps

### Specifications

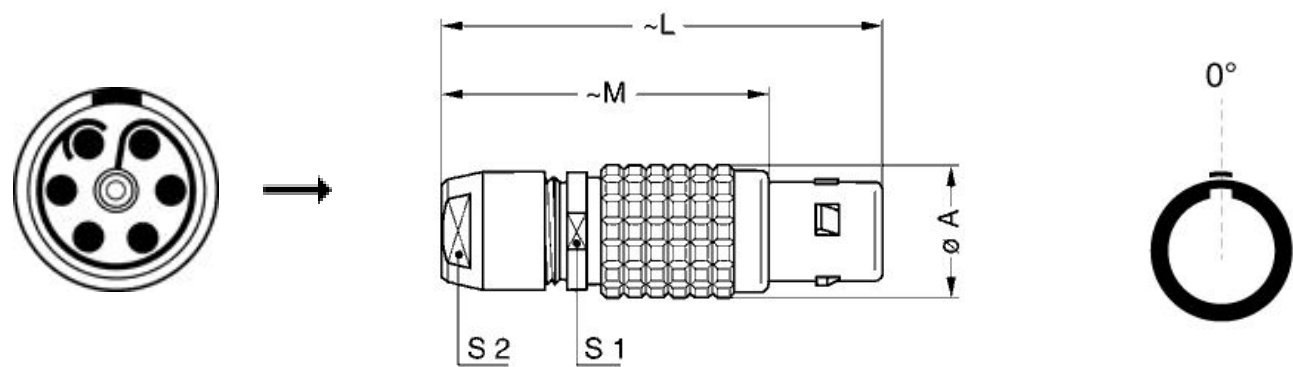
Contact Type: Solder
Test voltage HV Ue (kV dc) 9.0
Test voltage HV Ue (kV rms) 6.4
Rated current HV (A) 2
Test voltage LV cont-cont sold.(kV rms) 1.75
Test voltage LV cont-shell sold.(kV rms) 1.6
Rated current LV (A) 11

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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.	15	50	38	13	12
in.	0,59	1,97	1,50	0,51	0,47

RECOMMENDED BY LEMO

Tools

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

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