

## 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	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">ENG.2B.704.CJL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FW*: Fixed plug, nut fixing
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	18.17 g

### Performance

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

### Specifications

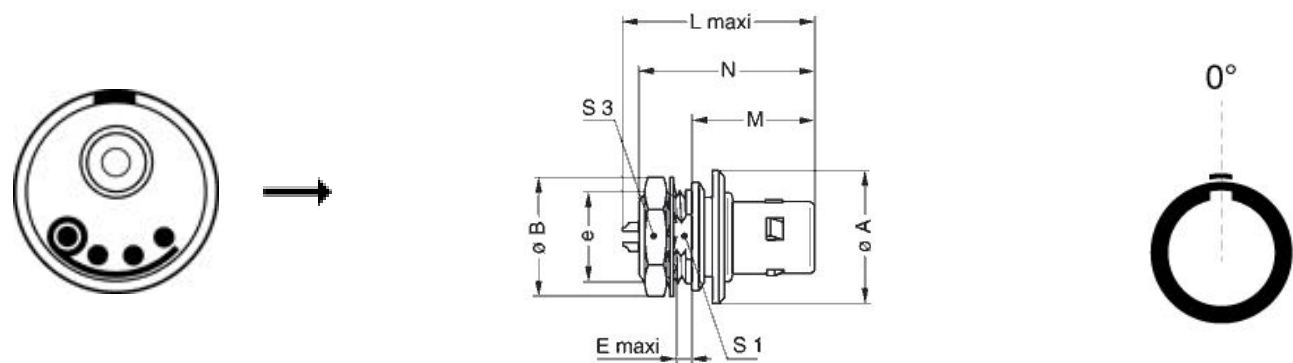
Contact Type:	Solder
Test voltage HV Ue (kV dc)	7.5
Test voltage HV Ue (kV rms)	5.3
Rated current HV (A)	8
Test voltage LV cont-cont sold.(kV rms)	0.85
Test voltage LV cont-shell sold.(kV rms)	1.2
Rated current LV (A)	5

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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)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	19.5	19.5	4.1	28.6	18	27.3	13.5	17	M15x1.0
in.	0,77	0,77	0,16	1,13	0,71	1,07	0,53	0,67	

RECOMMENDED BY LEMO

Tools

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