

## SUMMARY

### # Wires

Low voltage	2
High voltage	1



*Image is for illustrative purpose only*

Series	1B
Termination type	Female solder Hybrid
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FGG.1B.702.CJAD76</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EG*: Fixed receptacle, 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	8.78 g

### Performance

Configuration	1B.702 : 1 High V. 2 Low V.
Insulator	J: PEEK/PEEK
Rated Current	12 Amps

### Specifications

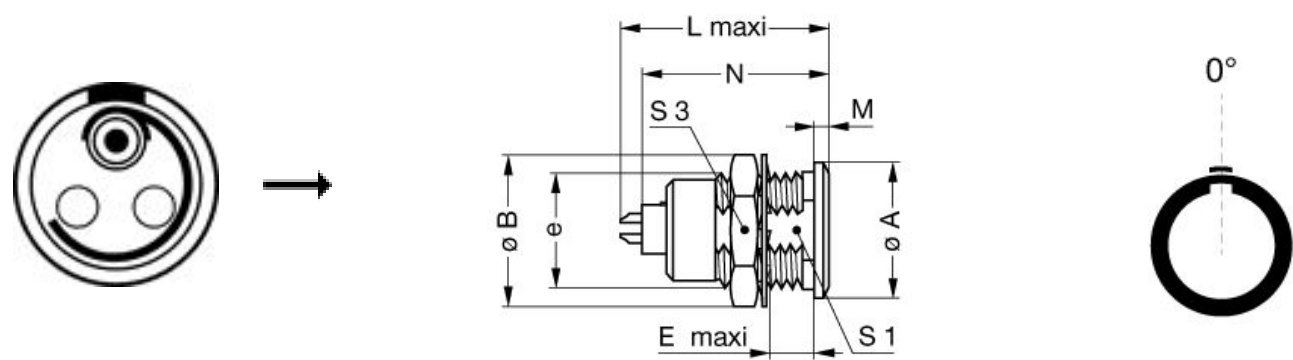
Contact Type: Solder
Test voltage HV Ue (kV dc) 7.5
Test voltage HV Ue (kV rms) 5.3
Rated current HV (A) 2
Test voltage LV cont-cont sold.(kV rms) 1.2
Test voltage LV cont-shell sold.(kV rms) 0.9
Rated current LV (A) 8

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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.	14	16	7.5	23	1.5	21.1	10.5	14	M12x1.0
in.	0,55	0,63	0,30	0,91	0,06	0,83	0,41	0,55	

RECOMMENDED BY LEMO

Tools

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