

## SUMMARY

### # Wires

Low voltage	12
High voltage	1



*Image is for illustrative purpose only*

Series	3K
Termination type	Male solder Hybrid High-Voltage
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	9.60 - 10.00 mm
Status	active
Matching parts	<a href="#">EEG.3K.712.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	64.04 g

### Performance

Configuration	3K.712 : 1 High V. 12 Low V.
Insulator	J: PEEK/PEEK
Rated Current	3 Amps

### Specifications

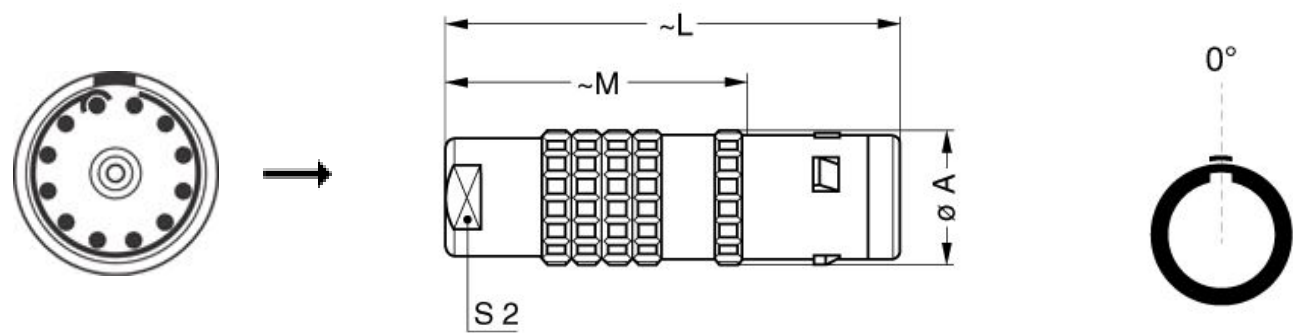
Contact Type:	Solder
Test voltage HV Ue (kV dc)	12
Test voltage HV Ue (kV rms)	8.5
Rated current HV (A)	4
Test voltage LV cont-cont sold.(kV rms)	1.2
Test voltage LV cont-shell sold.(kV rms)	0.85
Rated current LV (A)	5

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Others

- Endurance (Shell): 5000 mating cycles
- Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)
- Shielding (min): 80 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S2
mm.	19	61	41	15
in.	0,75	2,40	1,61	0,59

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.3E.030.PA150](#)
- Caps: [BFG.3K.100.NAS](#)

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