

SUMMARY

Wires

Low voltage	8
High voltage	1



Image is for illustrative purpose only

Series	2K
Termination type	Female solder Hybrid
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	8.10 - 8.50 mm
Status	active
Matching parts	FGG.2K.708.CJAC85

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, 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	44.97 g

Performance

Configuration	2K.708 : 1 High V. 8 Low V.
Insulator	J: PEEK/PEEK
Rated Current	3 Amps

Specifications

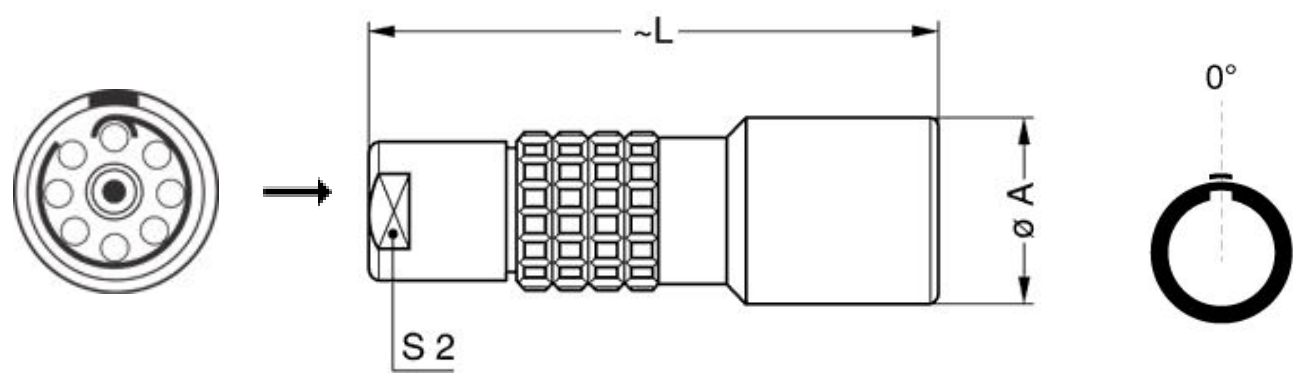
Contact Type: Solder
Test voltage HV Ue (kV dc) 9.0
Test voltage HV Ue (kV rms) 6.4
Rated current HV (A) 4
Test voltage LV cont-cont sold.(kV rms) 1.5
Test voltage LV cont-shell sold.(kV rms) 1.25
Rated current LV (A) 10

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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	S2
mm.	19	54	12
in.	0,75	2,13	0,47

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.2E.020.PA120](#)

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