

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series	3K
Termination type	Male solder
IP rating	68
AWG wire size	28.00 - 20.00
Cable Ø	7.10 - 7.50 mm
Status	active
Matching parts	EGG.3K.308.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable adapter and nut for fitting a bend relief
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
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	3K.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	13 Amps

Specifications

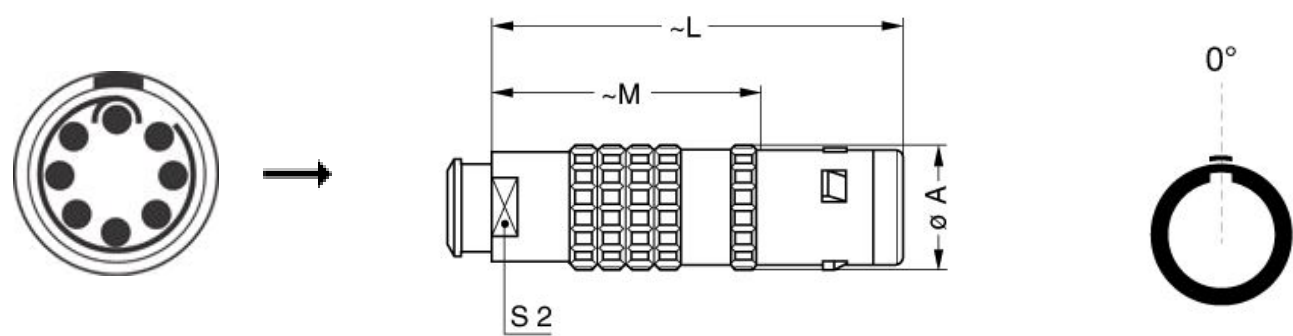
Contact Type:	Solder
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1 mm (0.039in)
Max. Solid Conductor:	0.5 mm ² (AWG 20)
Max. Stranded Conductor:	0.5 mm ² (AWG 20)
R (max):	3.6 mOhm
Vtest (contact-shell):	1150 V (AC), 1630 V (DC)
Vtest (contact-contact):	1650 V (AC), 2350 V (DC)

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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	60	40	15
in.	0,75	2,36	1,57	0,59

RECOMMENDED BY LEMO

Tools

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

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