

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series	3K
Termination type	Male solder
IP rating	68
AWG wire size	18.00 - 10.00
Cable Ø	10.60 - 12.00 mm
Status	active
Matching parts	<a href="#">EGG.3K.302.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug with oversize 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	107.28 g

### Performance

Configuration	3K.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	35 Amps

### Specifications

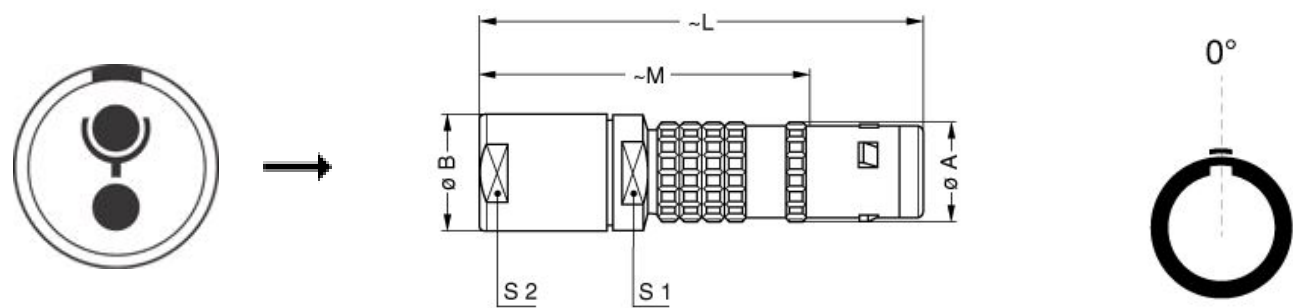
Contact Type: Solder  
Contact Dia.: 3 mm (0.118in)  
Bucket Dia.: 2.7 mm (0.106in)  
Max. Solid Conductor: 4 mm<sup>2</sup> (AWG 10)  
Max. Stranded Conductor: 4 mm<sup>2</sup> (AWG 12)  
R (max): 3.1 mOhm  
Vtest (contact-shell): 1500 V (AC), 2150 V (DC)  
Vtest (contact-contact): 2100 V (AC), 2970 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	B	L	M	S1	S2
mm.	19	22	85	65	19	19
in.	0,75	0,87	3,35	2,56	0,75	0,75

RECOMMENDED BY LEMO

Tools

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

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