

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

Series	3K
Termination type	Female solder
IP rating	68
AWG wire size	22.00 - 14.00
Cable Ø	9.60 - 10.00 mm
Status	active
Matching parts	<a href="#">EGL.3K.303.KLA</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
Keying	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	65.57 g

### Performance

Configuration	3K.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	25 Amps

### Specifications

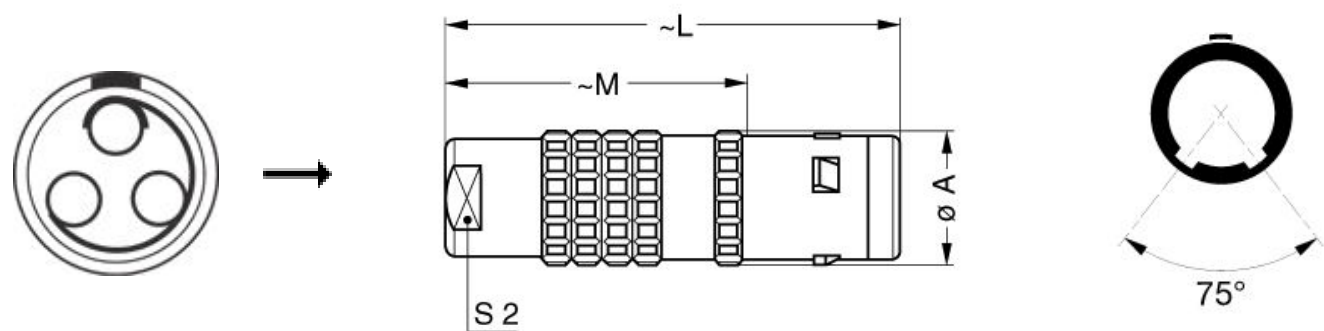
Contact Type: Solder  
Contact Dia.: 2 mm (0.079in)  
Bucket Dia.: 1.8 mm (0.071in)  
Max. Solid Conductor: 1.5 mm<sup>2</sup> (AWG 14)  
Max. Stranded Conductor: 1.5 mm<sup>2</sup> (AWG 16)  
R (max): 3.3 mOhm  
Vtest (contact-shell): 1500 V (AC), 2150 V (DC)  
Vtest (contact-contact): 1900 V (AC), 2700 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	61	41	15
in.	0,75	2,40	1,61	0,59

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.3E.030.PA150](#)

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