

## SUMMARY

### # Wires

Low voltage	3
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*Image is for illustrative purpose only*

Series	0K
Termination type	Male solder
IP rating	68
AWG wire size	28.00 - 20.00
Cable Ø	4.60 - 5.00 mm
Status	active
Alternative part	<a href="#">FGG.0K.303.CLAK50</a>
Matching parts	<a href="#">EGG.0K.303.CLL</a>

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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	11.74 g

### Performance

Configuration	0K.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 1.0 mm (0.039in)  
Max. Solid Conductor: 0.56 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.56 mm<sup>2</sup> (AWG 20)  
R (max): 4.8 mOhm  
Vtest (contact-shell): 900 V (AC), 1300 V (DC)  
Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

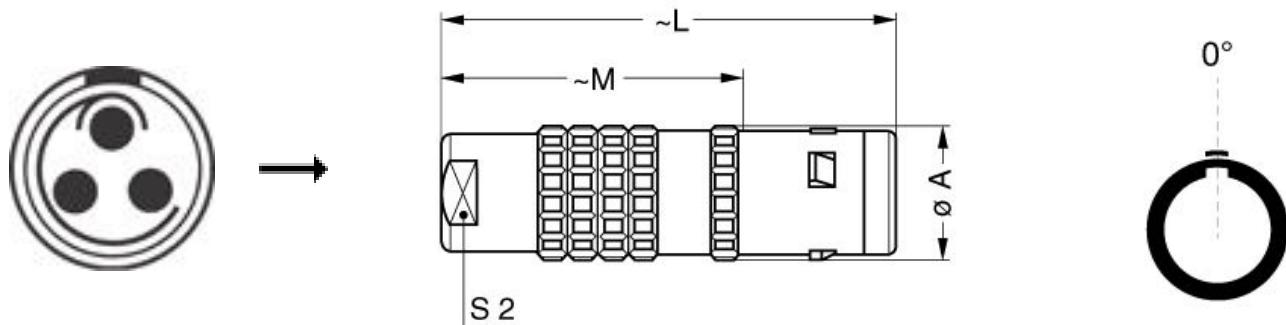
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## Others

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

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## DRAWINGS



## Dimensions

	A	L	M	S2
mm.	11	34	23	8
in.	0,43	1,34	0,91	0,31

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.0E.007.PA080](#)

Caps: [BFG.0K.100.NAS](#)

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## Cables

130240	PVC	Black	
3220	PVC	Black	
60080	PVC	Grey	

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