

## SUMMARY

### # Wires

Low voltage 5



Image is for illustrative purpose only

Series	OK
Termination type	Male solder
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	4.60 - 5.00 mm
Status	active
Alternative part	<a href="#">FGG.0K.305.CLAK50</a>
Matching parts	<a href="#">EGG.0K.305.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	11.79 g

### Performance

Configuration	OK.305 : 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6.5 Amps

### Specifications

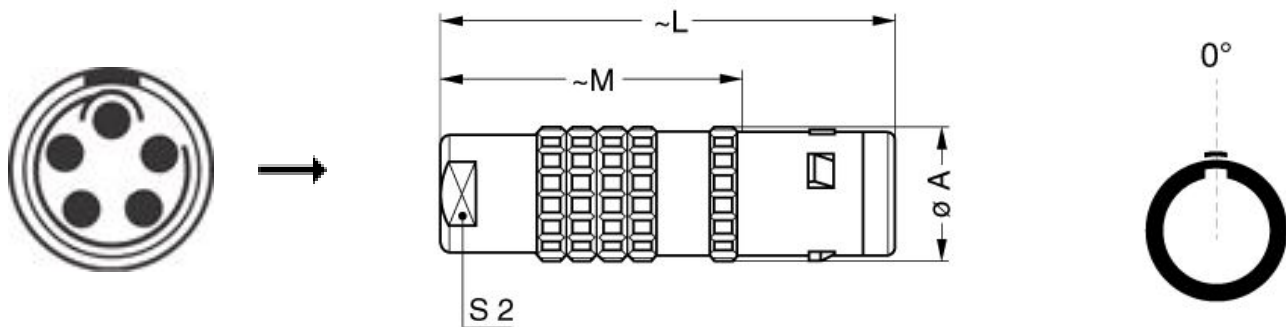
Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 700 V (AC), 990 V (DC)  
Vtest (contact-contact): 1000 V (AC), 1400 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.	11	34	23	8
in.	0,43	1,34	0,91	0,31

## RECOMMENDED BY LEMO

### Tools

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

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

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## Cables

50140	PVC	Grey	
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