

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series OK  
Termination type Female solder  
IP rating 68  
AWG wire size 28.00 - 20.00  
Cable Ø 3.10 - 3.50 mm  
Status active  
Matching parts [FGG.0K.302.CLAC35](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PH\*: Free receptacle, cable collet 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  
Weight 14.44 g

### Performance

Configuration OK.302 : 2 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 10 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

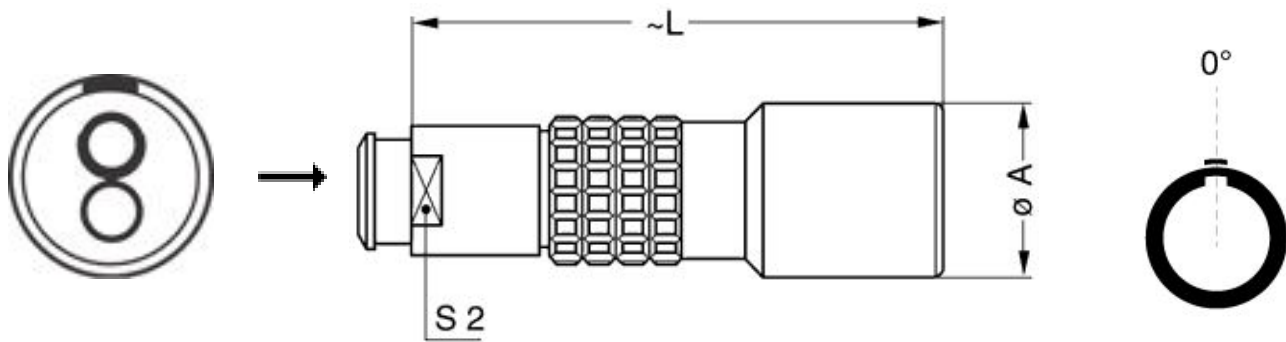
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Vtest (contact-shell): 1050 V (AC), 1490 V (DC)  
Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

## 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	S2
mm.	13	34	7
in.	0,51	1,34	0,28


## RECOMMENDED BY LEMO

### Tools

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Spanner wrench: [DCD.OE.007.PA070](#)

## Cables

20240	PTFE	White	
2080	PVC	Grey	

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