

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series 2K  
Termination type Male crimp  
IP rating 68  
AWG wire size 16.00 - 12.00  
Cable Ø 6.10 - 6.50 mm  
Status active  
Matching parts [EGG.2K.302.CYM](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, 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  
Weight 41.05 g

### Performance

Configuration 2K.302 : 2 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 25 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 65 N  
Contact Dia.: 2 mm (0.079in)  
Bucket Dia.: 2.4 mm (0.094in)  
Min. Conductor: 1.5 mm<sup>2</sup> (AWG 16)  
Max. Conductor: 2.5 mm<sup>2</sup> (AWG 12)  
R (max): 3.3 mOhm  
Vtest (contact-shell): 2700 V (AC), 3820 V (DC)

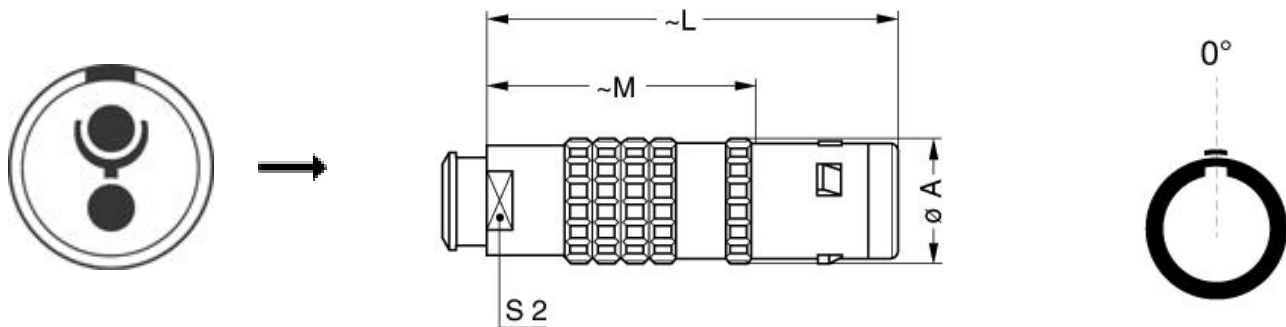
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Vtest (contact-contact): 2850 V (AC), 4030 V (DC)

## 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	M	S2
mm.	16	52	36	12
in.	0,63	2,05	1,42	0,47

## RECOMMENDED BY LEMO

### Tools

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Crimp Tool: [DPC.91.101.A](#)  
Crimp settings: AWG/Selector = 12-14-16/8-7-6  
Positionner: [DCE.91.202.BVCM](#)  
Extractor: [DCC.91.202.5LA](#)  
Replacement contact: FGG.2B.575.ZZC  
Spanner wrench: [DCD.2E.020.PA120](#)  
Caps: [BFG.2K.100.NAS](#)

## Cables

CMN.02.T18.064UNCU			
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