

## SUMMARY

### # Wires

Low voltage 3



Image is for illustrative purpose only

Series 2K  
Termination type Male crimp  
IP rating 68  
AWG wire size 18.00 - 14.00  
Cable Ø 9.60 - 10.00 mm  
Status active  
Matching parts [EGG.2K.303.CYM](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FH\*: Elbow 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 70.40 g

### Performance

Configuration 2K.303 : 3 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 17 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 50 N  
Contact Dia.: 1.6 mm (0.063in)  
Bucket Dia.: 1.9 mm (0.075in)  
Min. Conductor: 1 mm<sup>2</sup> (AWG 18)  
Max. Conductor: 1.5 mm<sup>2</sup> (AWG 14)  
R (max): 3.5 mOhm  
Vtest (contact-shell): 1900 V (AC), 2700 V (DC)

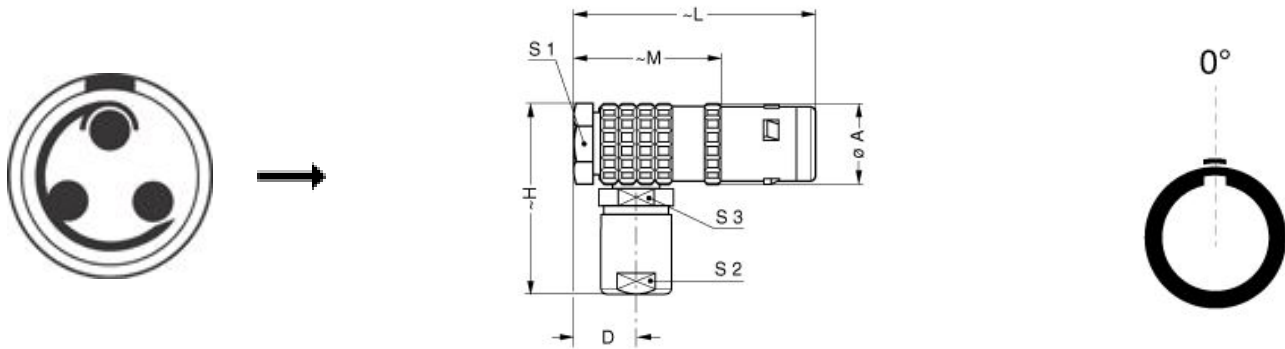
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Vtest (contact-contact): 1900 V (AC), 2700 V (DC)

## 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	D	H	L	M	S1	S2	S3
mm.	17.5	10.5	40	51	35	15	12	13
in.	0,69	0,41	1,57	2,01	1,38	0,59	0,47	0,51

## RECOMMENDED BY LEMO

### Tools

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Crimp Tool: [DPC.91.101.A](#)  
Crimp settings: AWG/Selector = 14-16-18/7-6-5  
Positionner: [DCE.91.162.BVCM](#)  
Extractor: [DCF.91.162.2LT](#)  
Replacement contact: FGG.2B.570.ZZC  
Spanner wrench: [DCD.2E.020.PA120](#)

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