

## SUMMARY

### # Wires

Low voltage 8



Image is for illustrative purpose only

Series 3K  
Termination type Male crimp  
IP rating 68  
AWG wire size 26.00 - 22.00  
Cable Ø 6.10 - 6.50 mm  
Status active  
Matching parts [EGG.3K.308.CLL](#)

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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 67.44 g

### Performance

Configuration 3K.308 : 8 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 13 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 40 N  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 0.8 mm (0.031in)  
Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 3.6 mOhm  
Vtest (contact-shell): 1750 V (AC), 2500 V (DC)

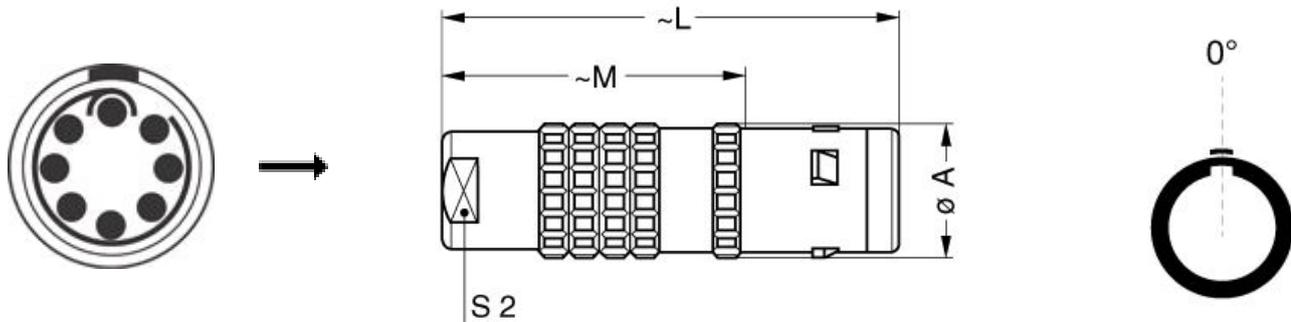
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Vtest (contact-contact): 1850 V (AC), 2600 V (DC)

## 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.	19	61	41	15
in.	0,75	2,40	1,61	0,59

## RECOMMENDED BY LEMO

### Tools

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Crimp Tool: [DPC.91.701.V](#)  
 Crimp settings: AWG/Selector = 22-24-26/6-5-5  
 Extractor: [DCF.91.133.5LT](#)  
 Replacement contact: FGG.3B.567.ZZC  
 Spanner wrench: [DCD.3E.030.PA150](#)  
 Caps: [BFG.3K.100.NAS](#)

## Cables

180240	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	

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