

## SUMMARY

### # Wires

Low voltage 6



Image is for illustrative purpose only

Series 2K  
Termination type Male crimp  
IP rating 68  
AWG wire size 20.00 - 18.00  
Cable Ø 9.60 - 10.00 mm  
Status active  
Matching parts [EGG.2K.306.CYM](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug with oversize 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

### Performance

Configuration 2K.306 : 6 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 12 Amps

### Specifications

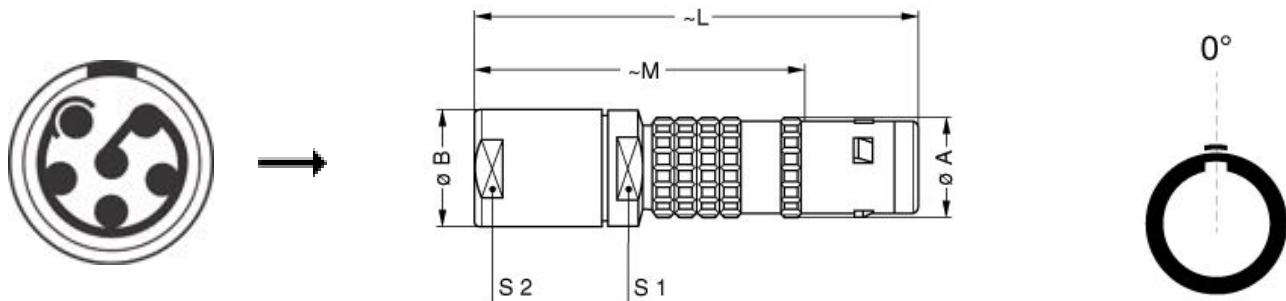
Contact Type: Crimp  
Contact Retention: 40 N  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 1.4 mm (0.055in)  
Min. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Conductor: 1 mm<sup>2</sup> (AWG 18)  
R (max): 3.6 mOhm  
V<sub>test</sub> (contact-shell): 2350 V (AC), 3320 V (DC)  
V<sub>test</sub> (contact-contact): 2000 V (AC), 2850 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	B	L	M	S1	S2
mm.	16	17	68	52	15	15
in.	0,63	0,67	2,68	2,05	0,59	0,59

## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 18-20/8-7

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Positionner: [DCE.91.132.BVC](#)  
Extractor: [DCF.91.131.2LT](#)  
Replacement contact: FGG.2B.565.ZZC  
Spanner wrench: [DCD.2E.020.PA120](#)  
Caps: [BFG.2K.100.NAS](#)

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