

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series 2K  
Termination type Female crimp  
IP rating 68  
AWG wire size 20.00 - 18.00  
Cable Ø 7.60 - 8.00 mm  
Status active  
Matching parts [EGL.2K.304.CYC](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet  
Keying 2 keys (gamma=75, plug: female contacts, receptacle: male 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.304 : 4 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 15 Amps

### Specifications

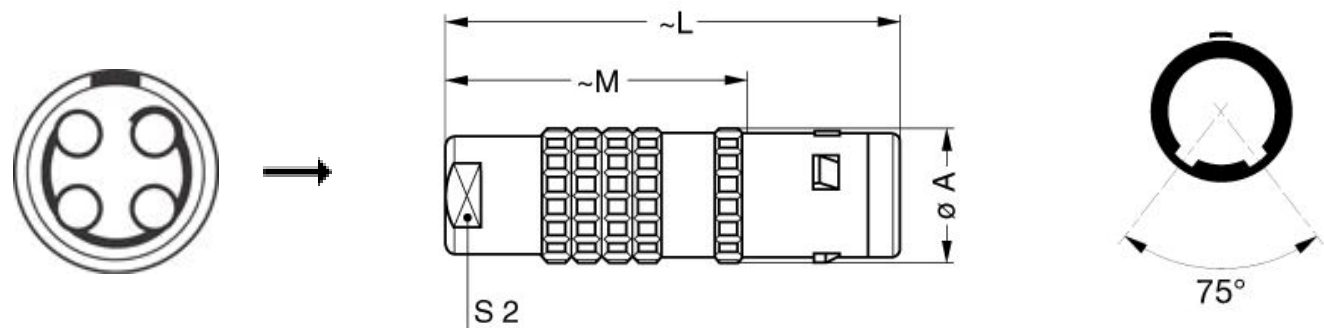
Contact Type: Crimp  
Contact Retention: 40 N  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 1.4 mm (0.055in)  
Min. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Conductor: 1 mm<sup>2</sup> (AWG 18)  
R (max): 3.6 mOhm  
Vtest (contact-shell): 2200 V (AC), 3110 V (DC)  
Vtest (contact-contact): 2200 V (AC), 3110 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    | L    | M    | S2   |
|-----|------|------|------|------|
| mm. | 16   | 52   | 36   | 12   |
| in. | 0,63 | 2,05 | 1,42 | 0,47 |

RECOMMENDED BY LEMO

Tools

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

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|                      |                                         |
|----------------------|-----------------------------------------|
| Positionner:         | <a href="#"><u>DCE.91.132.BVM</u></a>   |
| Extractor:           | <a href="#"><u>DCF.91.131.2LT</u></a>   |
| Replacement contact: | EGG.2B.665.ZZM                          |
| Spanner wrench:      | <a href="#"><u>DCD.2E.020.PA120</u></a> |

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