

## SUMMARY

### # Wires

Low voltage 4



Image is for illustrative purpose only

|                  |                                |
|------------------|--------------------------------|
| Series           | 2K                             |
| Termination type | Male solder                    |
| IP rating        | 68                             |
| AWG wire size    | 28.00 - 20.00                  |
| Cable Ø          | 3.60 - 4.00 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">EGG.2K.304.CLL</a> |

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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 |
| Variant           | Z : Nut for fitting a bend relief   |
| Weight            | 41.14 g   |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 2K.304 : 4 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 15 Amps                   |

### Specifications

Contact Type: Solder  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 1 mm (0.039in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.6 mOhm

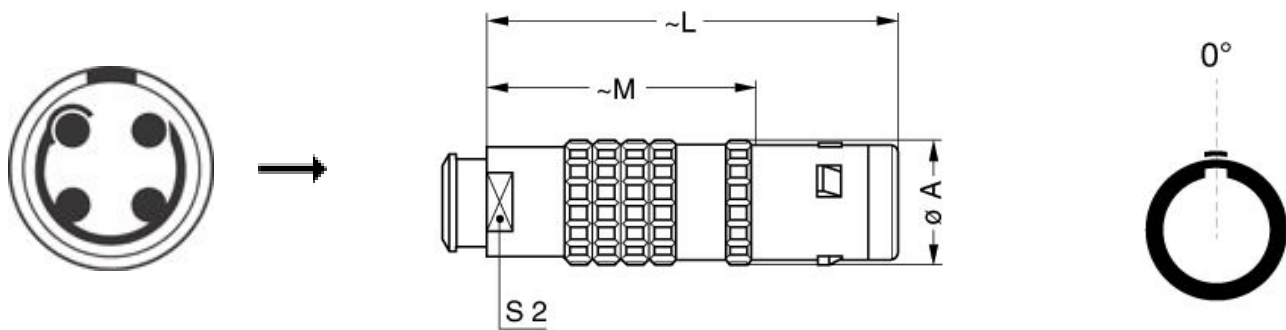
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Vtest (contact-shell): 1850 V (AC), 2600 V (DC)  
Vtest (contact-contact): 1850 V (AC), 2600 V (DC)

## 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. | 16   | 52   | 36   | 12   |
| in. | 0,63 | 2,05 | 1,42 | 0,47 |

## RECOMMENDED BY LEMO

### Tools

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Spanner wrench: [DCD.2E.020.PA120](#)

Caps: [BFG.2K.100.NAS](#)

## Cables

|       |      |       |   |
|-------|------|-------|---|
| 40080 | PVC  | Black |   |
| 40086 | PVC  | Blue  |   |
| 40140 | PVC  | Black |  |
| 40240 | PTFE | White |  |

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