

## SUMMARY

### # Wires

Low voltage 18



*Image is for illustrative purpose only*

|                  |                                |
|------------------|--------------------------------|
| Series           | 2K                             |
| Termination type | Male solder                    |
| IP rating        | 68                             |
| AWG wire size    | 30.00 - 22.00                  |
| Cable Ø          | 2.60 - 3.00 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">EGG.2K.318.CLL</a> |

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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 |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 2K.318 : 18 Low Voltage   |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 5.5 Amps                  |

### Specifications

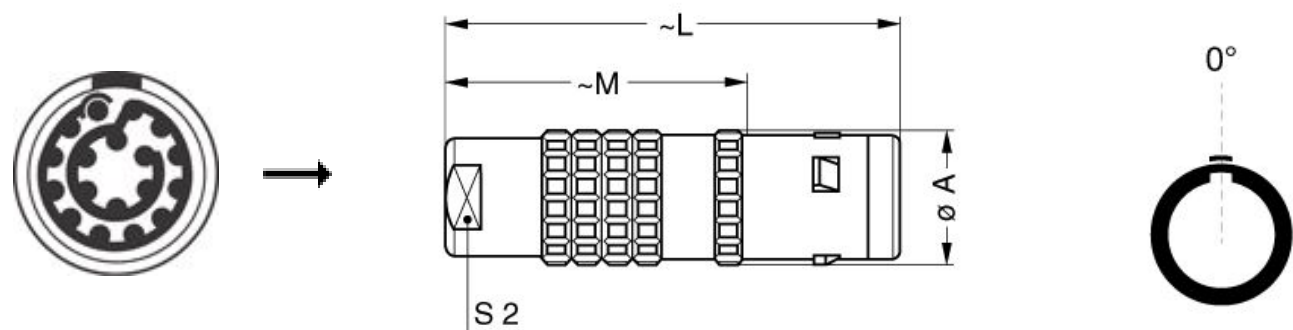
|                                                        |
|--------------------------------------------------------|
| Contact Type: Solder                                   |
| Contact Dia.: 0.7 mm (0.028in)                         |
| Bucket Dia.: 0.8 mm (0.031in)                          |
| Max. Stranded Conductor: 0.34 mm <sup>2</sup> (AWG 22) |
| Max. Conductor: 0.34 mm <sup>2</sup> (AWG 22)          |
| R (max): 6.1 mOhm                                      |
| Vtest (contact-shell): 1200 V (AC), 1700 V (DC)        |
| Vtest (contact-contact): 850 V (AC), 1200 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

- Spanner wrench: [DCD.2E.020.PA120](#)
- Caps: [BFG.2K.100.NAS](#)

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