

## SUMMARY

### # Wires

|         |    |
|---------|----|
| Low     | 10 |
| High    | 0  |
| Coax    | 0  |
| Triax   | 0  |
| Quad    | 0  |
| Fiber   | 0  |
| Fluidic | 0  |



*Image is for illustrative purpose only*

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|                  |                 |
|------------------|-----------------|
| Series           | 4K              |
| Termination type | Male solder     |
| IP rating        | 68              |
| Cable Ø          | 9.60 - 10.50 mm |
| Matching parts   | EGG.4K.310.CLL  |
| Status           |                 |
| Alternative part |                 |

## 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) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing      | C10: 9.6 - 10.5 mm  |
| Variant           |   |

### Performance

|               |  |
|---------------|--|
| Configuration | 4K.310 : 10 Low Voltage                                  |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 17 Amps  |

### Specifications

|                          |                            |
|--------------------------|----------------------------|
| Contact Type:            | Solder                     |
| Max. Matings:            | 5000                       |
| Contact Dia.:            | 1.6 mm (0.063in)           |
| Bucket Dia.:             | 1.4 mm (0.055in)           |
| Max. Solid Conductor:    | 1 mm <sup>2</sup> (AWG 16) |
| Max. Stranded Conductor: | 1 mm <sup>2</sup> (AWG 18) |

R (max): 3.5 mOhm  
Vtest (contact-shell): 1300 V (AC), 1840 V (DC)  
Vtest (contact-contact): 1850 V (AC), 2600 V (DC)

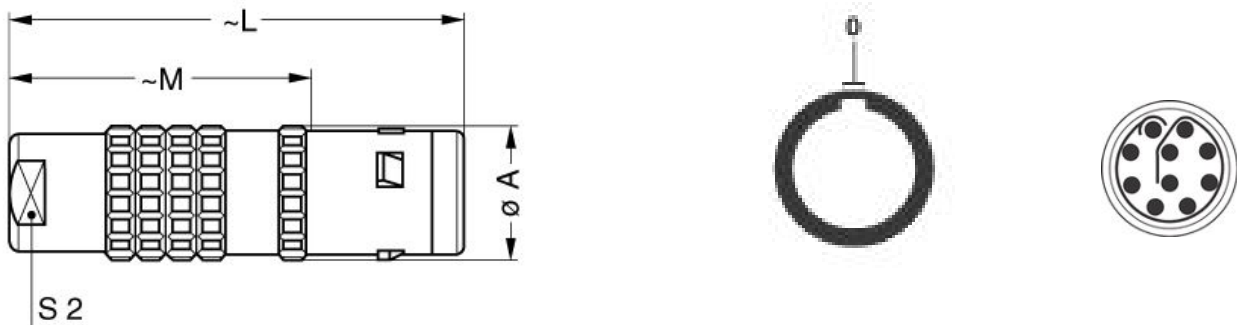
## Others

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]  
Salt Spray Corrosion: >1000 hr  
Climatical Category: 50/175/21  
Shielding (min): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
IP Rating: 68

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## DRAWINGS

### Draws



### Dimensions

|     | A    | L    | M    | S2   |
|-----|------|------|------|------|
| mm. | 25   | 71   | 50.5 | 19   |
| in. | 0,98 | 2,80 | 1,99 | 0,75 |

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: DCD.4E.050.PA190  
Caps: BFG.4K.100.NAS

## Cables