

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series 4K
Termination type Male solder
IP rating 68 when mated
AWG wire size 24.00 - 16.00
Cable Ø 9.60 - 10.50 mm
Status active
Matching parts [EGG.4K.310.CLL](#)

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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, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Weight 140.48 g

Performance

Configuration 4K.310 : 10 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 17 Amps

Specifications

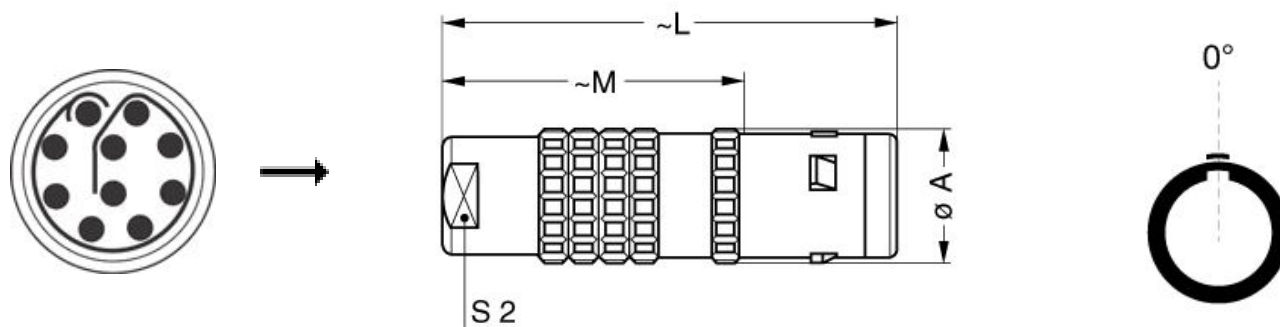
Contact Type: Solder
Contact Dia.: 1.6 mm (0.063in)
Bucket Dia.: 1.4 mm (0.055in)
Max. Solid Conductor: 1 mm² (AWG 16)
Max. Stranded Conductor: 1 mm² (AWG 18)
R (max): 3.5 mOhm
Vtest (contact-shell): 1300 V (AC), 1840 V (DC)
Vtest (contact-contact): 1850 V (AC), 2600 V (DC)

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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. | 25 | 71 | 50.5 | 19 |
| in. | 0,98 | 2,80 | 1,99 | 0,75 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.4E.ZZZ.PA190](#)

Caps: [BFG.4K.100.NAS](#)

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