

SUMMARY

Wires

Low voltage 24



Image is for illustrative purpose only

Series 4K
Termination type Male crimp
IP rating 68
AWG wire size 24.00 - 20.00
Cable Ø 12.10 - 12.80 mm
Status active
Matching parts [EGG.4K.324.CYM](#)

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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
Weight 141.22 g

Performance

Configuration 4K.324 : 24 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 7 Amps

Specifications

Contact Type: Crimp
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)
Min. Conductor: 0.25 mm² (AWG 24)
Max. Conductor: 0.5 mm² (AWG 20)
R (max): 4.8 mOhm
Vtest (contact-shell): 2050 V (AC), 2900 V (DC)

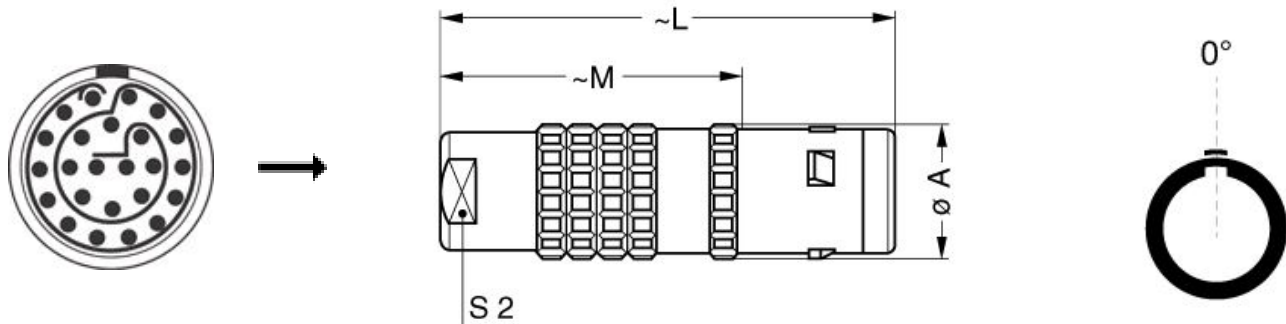
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Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 20-22-24/6-5-5
Positionner: [DCE.91.094.BVC](#)
Extractor: [DCF.91.093.5LT](#)
Replacement contact: FGG.4B.560.ZZC
Spanner wrench: [DCD.4E.050.PA190](#)
Caps: [BFG.4K.100.NAS](#)

Cables