

SUMMARY



Image is for illustrative purpose only

Wires

| | |
|---------|----|
| Low | 24 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

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| | |
|------------------|------------------|
| Series | 4K |
| Termination type | Male crimp |
| IP rating | 68 |
| Cable Ø | 12.10 - 12.80 mm |
| Matching parts | EGG.4K.324.CYM |
| 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 | C12: 12.1 - 12.8 mm |
| Variant | |

Performance

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

Specifications

| |
|---|
| Contact Type: Crimp |
| Max. Matings: 5000 |
| Contact Retention: 30 N |
| Contact Dia.: 0.9 mm (0.035in) |
| Bucket Dia.: 1.1 mm (0.043in) |
| Min. Conductor: 0.25 mm ² (AWG 24) |

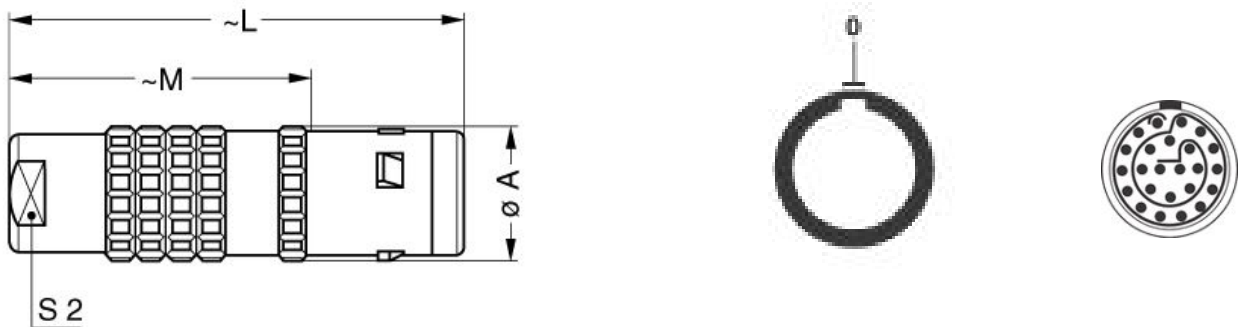
Max. Conductor: 0.5 mm² (AWG 20)
 R (max): 4.8 mOhm
 Vtest (contact-shell): 2050 V (AC), 2900 V (DC)
 Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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

DRAWINGS

Draws



Dimensions

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

RECOMMENDED BY LEMO

Tools

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