

SUMMARY

Wires

Low voltage 14



Image is for illustrative purpose only

| | |
|------------------|--------------------------------|
| Series | 1K |
| Termination type | Male solder |
| IP rating | 68 |
| AWG wire size | 34.00 - 28.00 |
| Cable Ø | 5.60 - 6.00 mm |
| Status | active |
| Matching parts | EGG.1K.314.CLL |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug, cable collet and nut for fitting a bend relief |
| 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 |
| Variant | Z : Nut for fitting a bend relief |
| Weight | 23.24 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1K.314 : 14 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 2 Amps |

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm² (AWG 28)
Max. Stranded Conductor: 0.09 mm² (AWG 28)
R (max): 8.7 mOhm

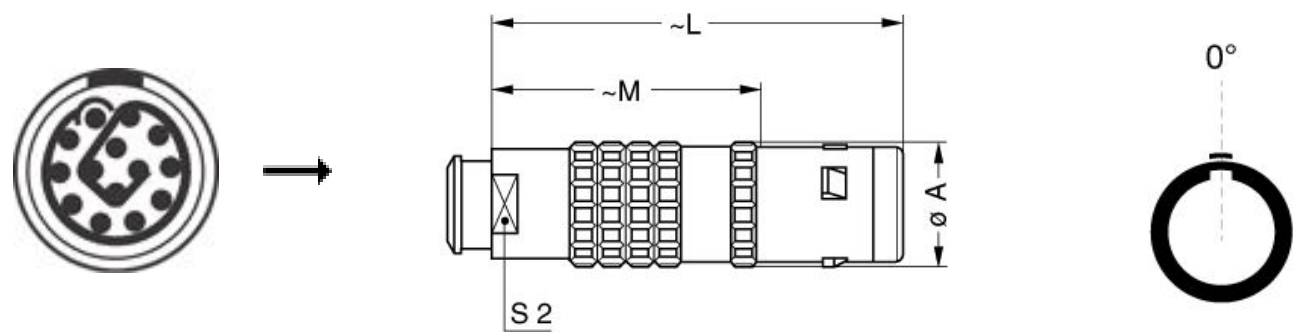
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Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

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. | 13 | 42 | 28 | 9 |
| in. | 0,51 | 1,65 | 1,10 | 0,35 |

RECOMMENDED BY LEMO

Tools

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Spanner wrench: [DCD.1E.008.PA090](#)
Caps: [BFG.1K.100.NAS](#)

Cables

| | | | |
|--------------------|---------------|------|---|
| CMN.14.T28.056PGZE | | Grey |  |
| CMN.14.T28.056PNZE | | |  |
| CMN.14.T28.056QGZE | TPR (medical) | Grey |  |

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