

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

| | |
|------------------|------------------------------------|
| Series | OK |
| Termination type | Male solder |
| IP rating | 68 |
| AWG wire size | 28.00 - 20.00 |
| Cable Ø | 4.60 - 5.00 mm |
| Status | active |
| Alternative part | FGG.0K.302.CLAK50Z |
| Matching parts | EGG.0K.302.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 | 11.85 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | OK.302 : 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 10 Amps |

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.0 mm (0.039in)
Max. Solid Conductor: 0.56 mm² (AWG 20)
Max. Stranded Conductor: 0.56 mm² (AWG 20)
R (max): 4.8 mOhm

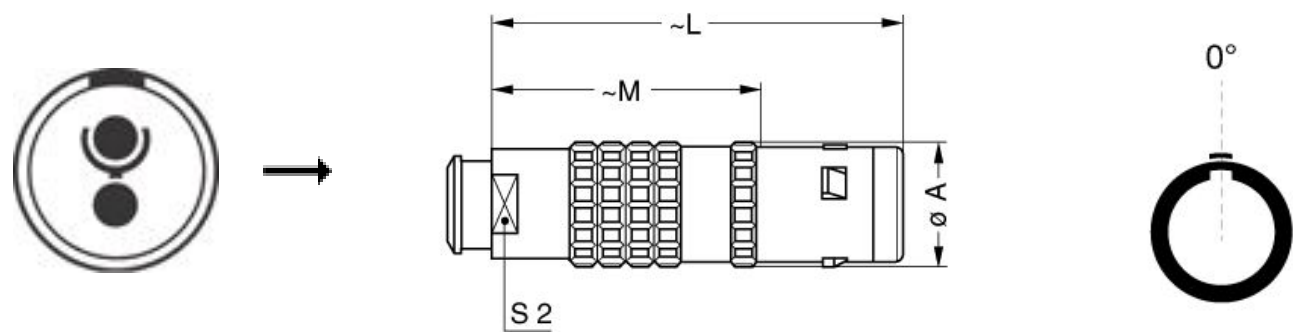
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Vtest (contact-shell): 1050 V (AC), 1490 V (DC)
Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

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. | 11 | 34 | 23 | 7 |
| in. | 0,43 | 1,34 | 0,91 | 0,28 |

RECOMMENDED BY LEMO

Tools

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Spanner wrench: [DCD.OE.007.PA070](#)
Caps: [BFG.OK.100.NAS](#)

Cables

| | | | |
|--------|-----|-------|---|
| 120240 | PVC | Black |  |
| 2221 | PVC | Black |  |
| 4082 | PVC | Grey | |

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