

SUMMARY

Wires

| | |
|-------------|---|
| Low voltage | 2 |
|-------------|---|



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 0B |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 28.00 - 20.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGG.0B.302.KLAD42 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EG*: Fixed receptacle, nut fixing |
| Keying | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Housing Material | Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Weight | 4.08 g |

Performance

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

Specifications

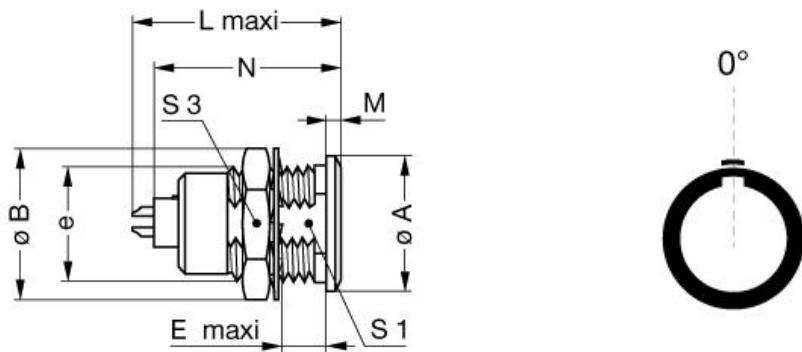
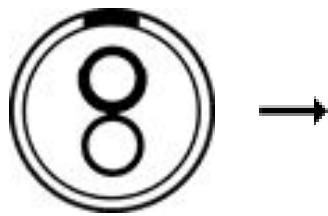
| | |
|--------------------------|-------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 0.9 mm (0.035in) |
| Bucket Dia.: | 1.0 mm (0.039in) |
| Max. Solid Conductor: | 0.56 mm ² (AWG 20) |
| Max. Stranded Conductor: | 0.56 mm ² (AWG 20) |
| R (max): | 4.8 mOhm |
| Vtest (contact-shell): | 1050 V (AC), 1490 V (DC) |
| Vtest (contact-contact): | 1000 V (AC), 1400 V (DC) |

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Others

Endurance (Shell): 5000
Temp (min / max): -55°C / +250°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): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

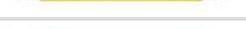
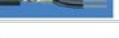
| | A | B | E | L | M | N | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|------|--------|
| mm. | 10 | 12.5 | 7 | 20.7 | 1.2 | 19.1 | 8.2 | 11 | M9x0.6 |
| in. | 0,39 | 0,49 | 0,28 | 0,81 | 0,05 | 0,75 | 0,32 | 0,43 | |

RECOMMENDED BY LEMO

Tools

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Cables

| | | | |
|--------------------|------|--------|---|
| CMN.02.T28.030PGCE | PVC | GREY |  |
| CMN.02.T28.030PGZE | | Grey |  |
| CMN.02.T28.030PNCE | PVC | Black |  |
| CMN.02.T28.030PNZE | | |  |
| 102080 | PVC | Grey | |
| 120184 | PVC | Black |  |
| 120240 | PVC | Black |  |
| 120250 | PVC | Grey |  |
| 20140 | PVC | Grey |  |
| 20140 | PVC | Grey |  |
| 20141 | PVC | Grey |  |
| 20142 | PVC | Red |  |
| 20143 | PVC | Green |  |
| 20144 | PVC | Black |  |
| 20145 | PVC | Yellow |  |
| 20146 | PVC | Black |  |
| 20240 | PTFE | White |  |
| 20260 | PVC | Black |  |
| 20264 | PVC | Black |  |
| 20266 | PVC | Violet |  |
| 2050 | PVC | Black |  |
| 20550 | PUR | Black |  |
| 20560 | PUR | White |  |
| 2080 | PVC | Grey | |
| 2221 | PVC | Black |  |
| 2260 | PTFE | White |  |
| 2280 | PVC | Black |  |
| 4082 | PVC | Grey | |
| CMB.02.210.635 | PUR | Black | |

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