

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 3T |
| Termination type | Female solder |
| IP rating | 68 when mated |
| AWG wire size | 28.00 - 20.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGG.3T.310.KLAC85 |

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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 | 17.70 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | T.310 : 10 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 12 Amps |

Specifications

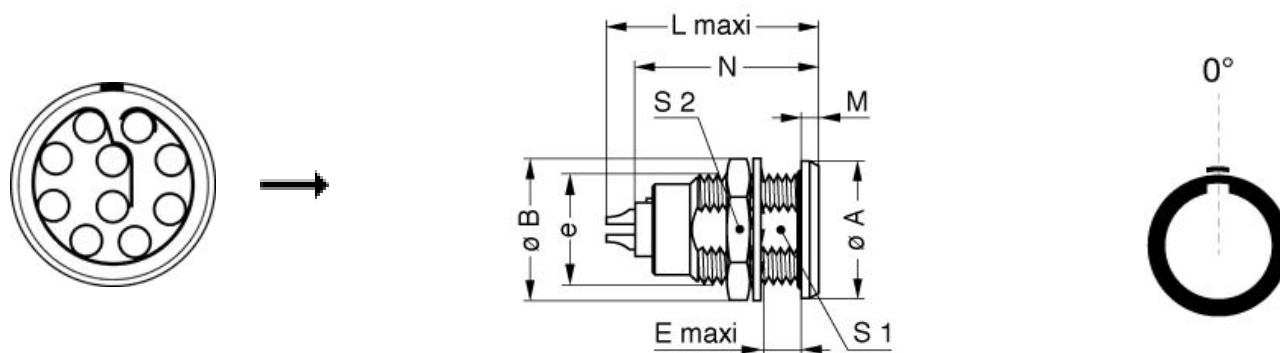
Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm
Vtest (contact-shell): 900 V (AC), 1270 V (DC)
Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

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Others

Endurance (Shell): >3000 mating cycles
Temp (min / max): -55°C / +200°C
Humidity (max): <=95% [at 60 deg C / 140 F]
Resistance to vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding efficiency (min): 75 dB (at 10 MHz)
Shielding efficiency (min): 40 dB (at 1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

| | A | B | E | L | M | N | S1 | S2 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 23.5 | 25.1 | 9.6 | 30.1 | 2.5 | 25 | 16.5 | 22 | M18x1.0 |
| in. | 0,93 | 0,99 | 0,38 | 1,19 | 0,10 | 0,98 | 0,65 | 0,87 | |

RECOMMENDED BY LEMO

Tools

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Cables

| | | | |
|--------------------|---------------|-------|--|
| CMN.10.T20.080PGZE | | Grey |  |
| CMN.10.T20.080PNZE | | |  |
| CMN.10.T20.080QGC | TPR | Grey | |
| CMN.10.T22.068QGZE | TPR (medical) | Grey |  |
| CMN.10.T28.052PGZE | | Grey |  |
| CMN.10.T28.052PNZE | | |  |
| CMN.10.T28.053QGZE | TPR (medical) | Grey |  |
| 110220 | PVC | Black |  |
| 110240 | PTFE | White |  |
| 110260 | PTFE | White |  |
| 110280 | PVC | Black |  |
| 210140 | PVC | Grey |  |
| 210240 | PVC | Black |  |
| 210250 | PVC | Grey |  |
| 210260 | PVC | Black |  |

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