

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series 1T
Termination type Male solder
IP rating 68
AWG wire size 28.00 - 20.00
Cable Ø 5.60 - 6.00 mm
Status active
Matching parts [EGG.1T.303.CLL](#)

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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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight 17.46 g

Performance

Configuration T.303 : 3 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 12 Amps

Specifications

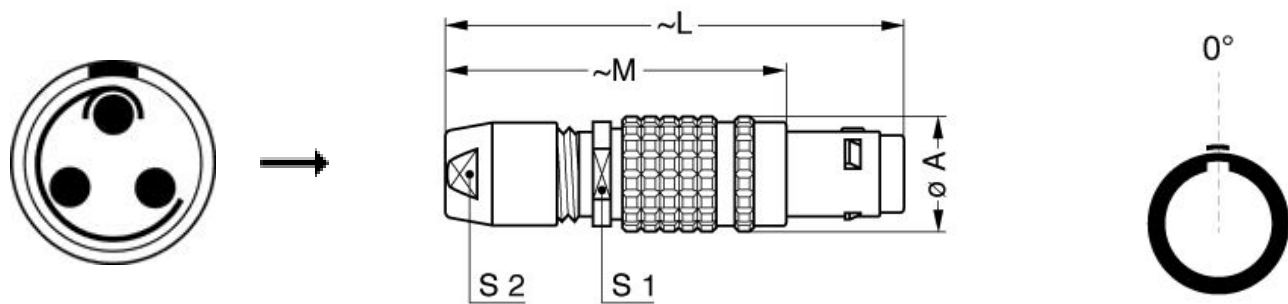
Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm
Vtest (contact-shell): 1550 V (AC), 2200 V (DC)
Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

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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 | L | M | S1 | S2 |
|-----|------|------|------|------|------|
| mm. | 12 | 46 | 35 | 11 | 9 |
| in. | 0,47 | 1,81 | 1,38 | 0,43 | 0,35 |

RECOMMENDED BY LEMO

Tools

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Cables

| | | | |
|--------|-----|------|--|
| 230500 | PVC | Grey |  |
|--------|-----|------|--|

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