

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 12

Series 0T
Termination type Female print PCB
IP rating 68
AWG wire size 36.00 - 28.00
Cable Ø 0.00 - 0.00 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model EE*: Fixed receptacle, nut fixing, back panel mounting
Keying 2 keys (beta=135; 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 4.95 g

Performance

Configuration 0T.312 : 12 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 1.5 Amps

Specifications

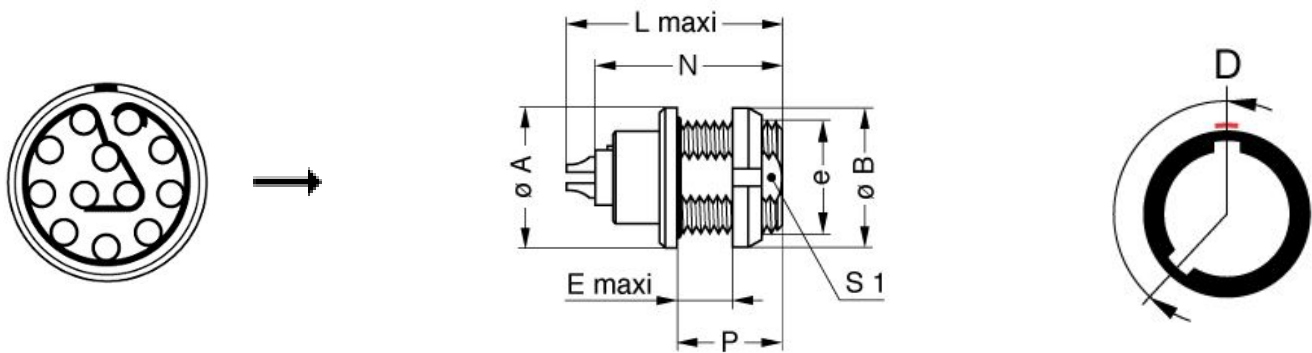
Contact Type: Print (straight)
Contact Dia.: 0.35 mm (0.01in)
R (max): 8.7 mOhm
Vtest (contact-shell): 1000 V (AC), 1400 (DC)
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

Others

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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 | Lmax | Nmax | P | S1 | e |
|-----|------|------|------|------|------|------|------|--------|
| mm. | 12 | 12 | 6.5 | 21 | 19.1 | 9 | 8.2 | M9x0.6 |
| in. | 0,47 | 0,47 | 0,26 | 0,83 | 0,75 | 0,35 | 0,32 | |

RECOMMENDED BY LEMO

Tools

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