

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 8

Series 3B
Termination type Female print PCB
IP rating 50
AWG wire size 28.00 - 20.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGG.3B.308.CLAD82](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model EC*: Fixed receptacle with two nuts and straight contacts for printed circuit (back panel mounting)
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 29.76 g

Performance

Configuration 3B.308 : 8 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 13 Amps

Specifications

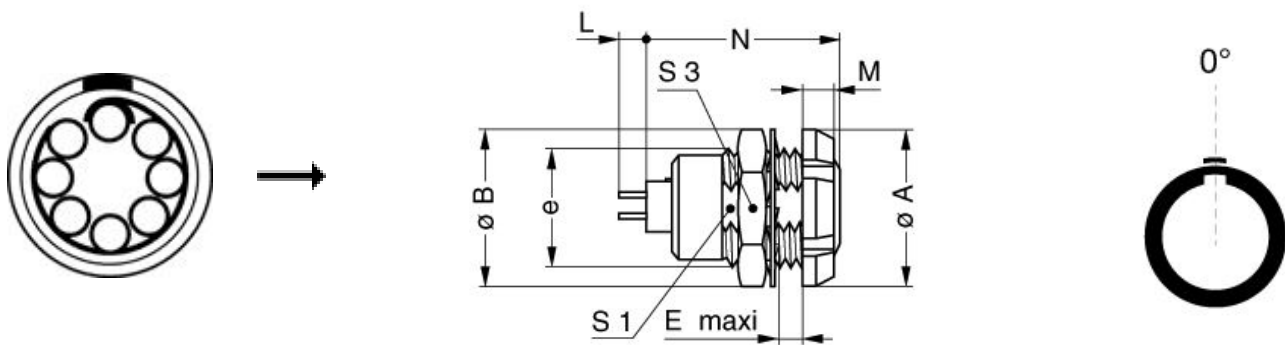
Contact Type: Print (straight)
Contact Dia.: 1.3 mm (0.051in)
R (max): 3.6 mOhm
Vtest (contact-shell): 1150 V (AC), 1630 V (DC)
Vtest (contact-contact): 1650 V (AC), 2350 V (DC)

Others

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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 | Lmax | M | N | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 24 | 25 | 9 | 30.3 | 4.5 | 25 | 16.5 | 22 | M18x1.0 |
| in. | 0,94 | 0,98 | 0,35 | 1,19 | 0,18 | 0,98 | 0,65 | 0,87 | |

RECOMMENDED BY LEMO

Tools

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