

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 8

Series 1B
Termination type Female print 90° PCB
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGB.1B.308.CLAD62](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model EH*: Fixed receptacle, nut fixing and protruding shell
Keying 2 keys (alpha=60, 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 13.16 g

Performance

Configuration 1B.308 : 8 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current

Specifications

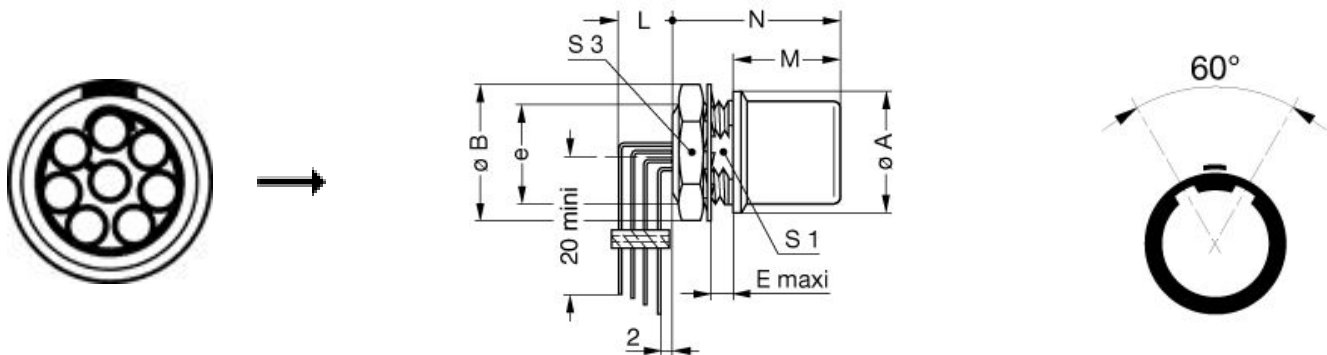
Contact Type: Print (elbow)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 1150 V (AC), 1630 V (DC)
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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 | L | M | N | S1 | S3 | e |
|-----|------|------|------|-------|------|------|------|------|---------|
| mm. | 14 | 16 | 4.0 | 29.62 | 12 | 19.5 | 10.5 | 14 | M12x1.0 |
| in. | 0,55 | 0,63 | 0,16 | 1,17 | 0,47 | 0,77 | 0,41 | 0,55 | |

RECOMMENDED BY LEMO

Tools

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