

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 2

Series 1S
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 [FFA.1S.302.CLAC32](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model ECP*: Fixed receptacle with two nuts, long threaded shell, with straight contact for printed circuit (back panel mounting)
Keying Hermaphroditic keying (half moon insert) with female pin 1
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 10.47 g

Performance

Configuration 1S.302 : 2 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 15 Amps

Specifications

Contact Type: Print (straight)
Contact Dia.: 1.3 mm (0.0512in)
Vtest: 1200 V (AC), 1800 V (DC)

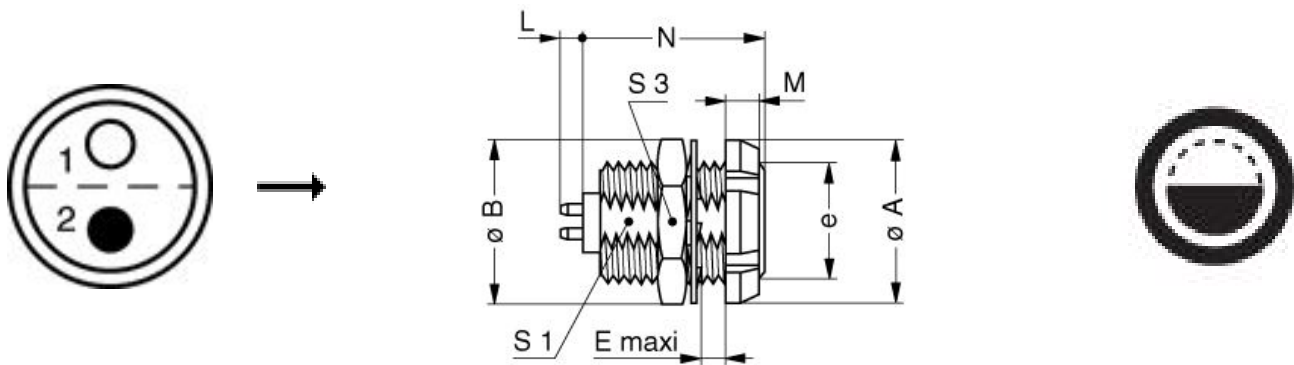
Others

Endurance (Shell): 5000 mating cycles

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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 | M | N | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 16 | 16 | 10 | 3.5 | 17.5 | 10.5 | 14 | M12x1.0 |
| in. | 0,63 | 0,63 | 0,39 | 0,14 | 0,69 | 0,41 | 0,55 | |

RECOMMENDED BY LEMO

Tools

Cables

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