

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 2

Series 1S
Termination type Female print PCB
IP rating 50
AWG wire size 0.00 - 0.00
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)

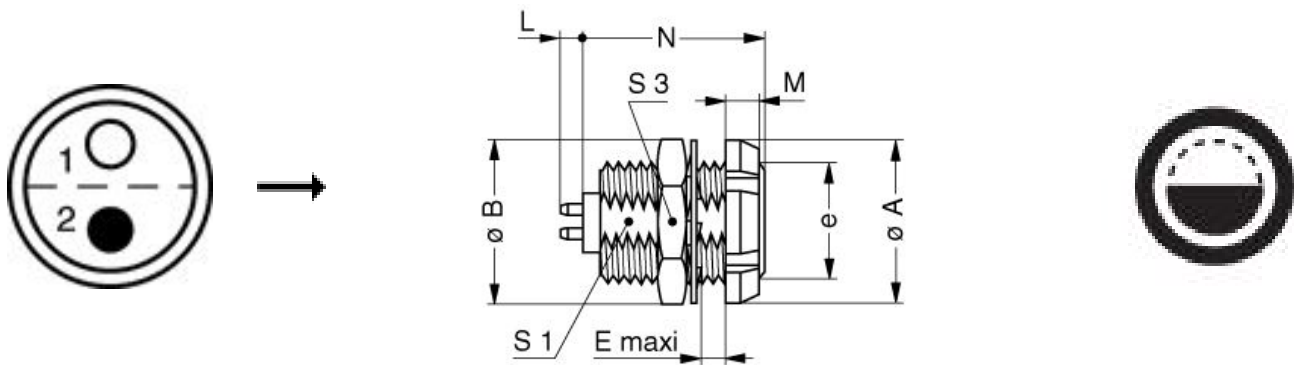
Others

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

Spanner wrench: [Socket for torque wrench DCM.1S.M12.4](#)

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