

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series	1S
Termination type	Female print PCB
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FFA.1S.303.CLAC32

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	ERD*: Fixed receptacle with two nuts (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	9.88 g

Performance

Configuration	1S.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

Contact Type: Print (straight)
Contact Dia.: 0.9 mm (0.0354in)
R (max): 4.8 mOhm
Vtest: 1200 V (AC), 1800 V (DC)

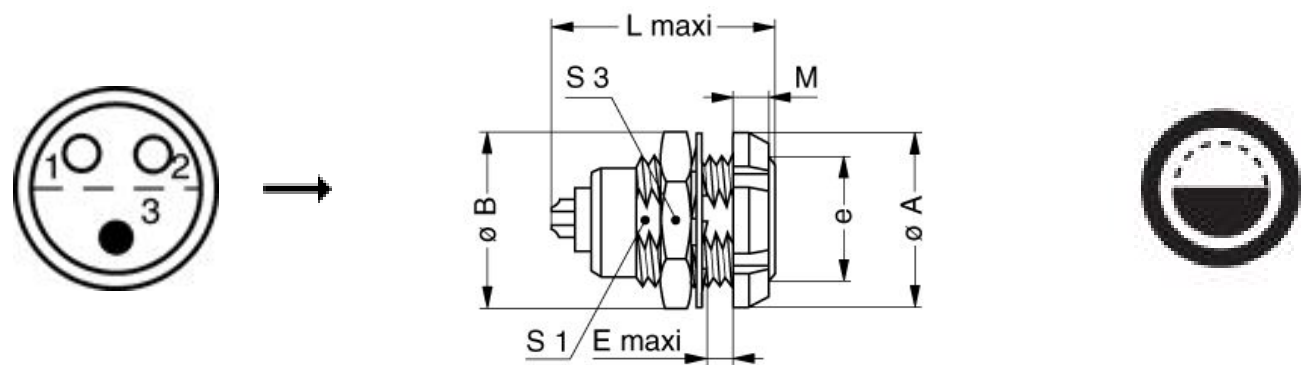
Others

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	L	M	S1	S3	e
mm.	16	16	6	20.2	3.5	10.5	14	M12x1.0
in.	0,63	0,63	0,24	0,80	0,14	0,41	0,55	

RECOMMENDED BY LEMO

Tools

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