

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

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	<a href="#">FFA.1S.302.CLAC32</a>

### Download

[Request a quote](#)  
[PCB Eagle Pattern](#)  
[PCB Altium Pattern](#)  
[PCB KiCad Pattern](#)  
[Catalog](#)

## 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)

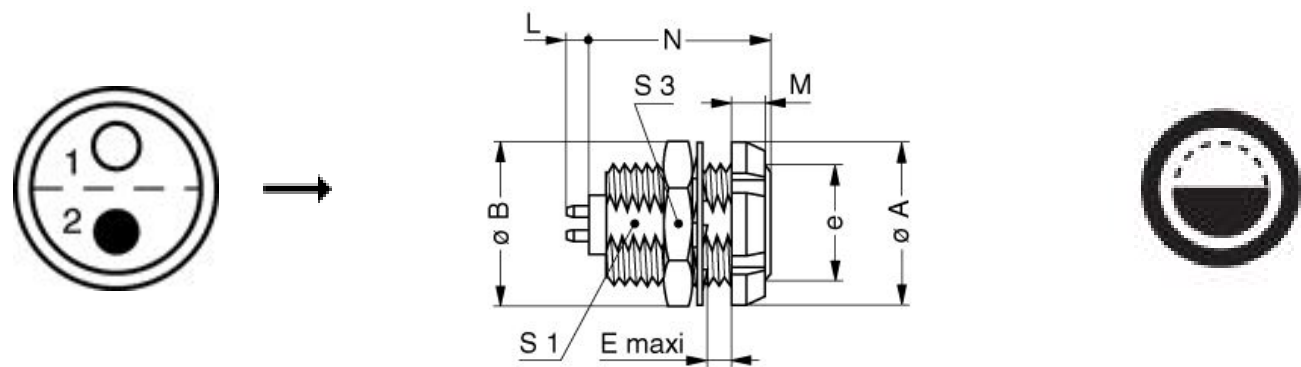
### Others

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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