

## SUMMARY

### # Wires

Low voltage	2
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*Image is for illustrative purpose only*

Series	0S
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	<a href="#">FFA.0S.302.CLAC22</a>

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[PCB Eagle Pattern](#)  
[PCB Altium Pattern](#)  
[PCB KiCad Pattern](#)  
[Catalog](#)

## 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	4.69 g

### Performance

Configuration	0S.302 : 2 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: 1500 V (AC), 2100 V (DC)

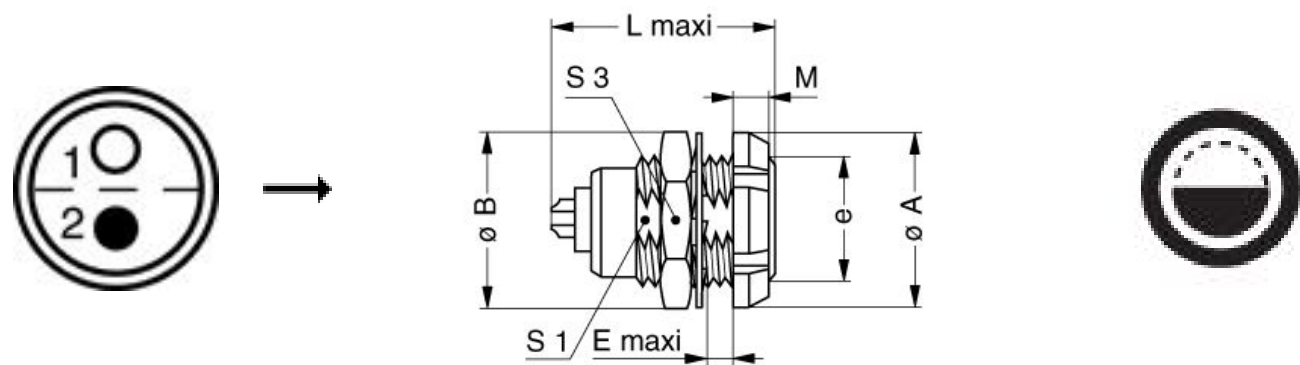
### Others

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.	12	12.5	5.5	18.5	2.5	8.2	11	M9x0.6
in.	0,47	0,49	0,22	0,73	0,10	0,32	0,43	

## RECOMMENDED BY LEMO

### Tools

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