## SUMMARY

### # Wires

| | |
|---|---|
| Low voltage | 3 |

*Image is for illustrative purpose only*

| | |
|---|---|
| Series | 0S |
| Termination type | Female print PCB |
| IP rating | 50 |
| AWG wire size | 32.00 - 24.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FFA.0S.303.CLAC32 |

### 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 | 4.91 g |

### Performance

| | |
|---|---|
| Configuration | 0S.303 : 3 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 7 Amps |

### Specifications

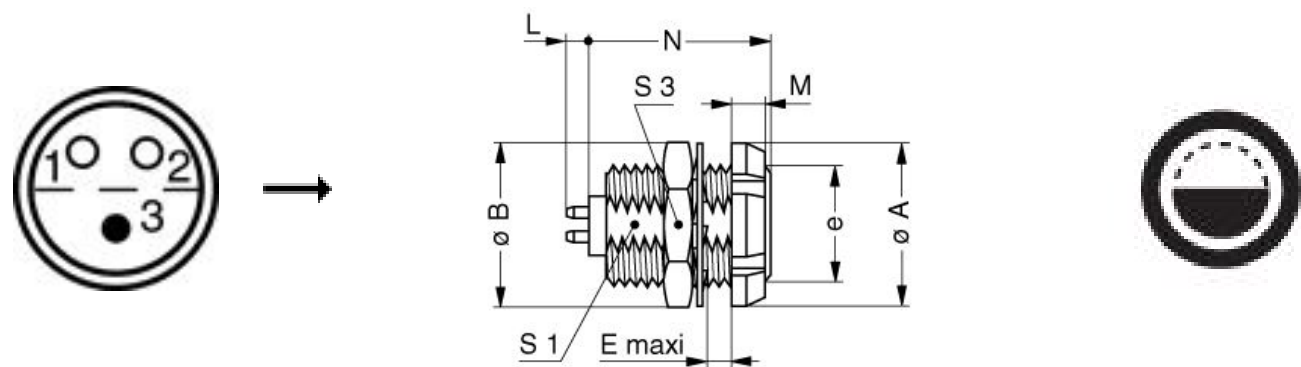Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest: 1060 V (AC), 1500 V (DC)

### Others

Endurance (Shell): 5000 mating cycles
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.  | 12   | 12.5 | 8.5  | 2.5  | 15   | 8.2  | 11   | M9x0.6 |
| in.  | 0,47 | 0,49 | 0,33 | 0,10 | 0,59 | 0,32 | 0,43 |        |

# RECOMMENDED BY LEMO

## Tools