

SUMMARY

Wires

Low voltage 2



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 | FFA.0S.302.CLAC22 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | ERA*: Fixed receptacle, nut fixing |
| 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 | 4.07 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)

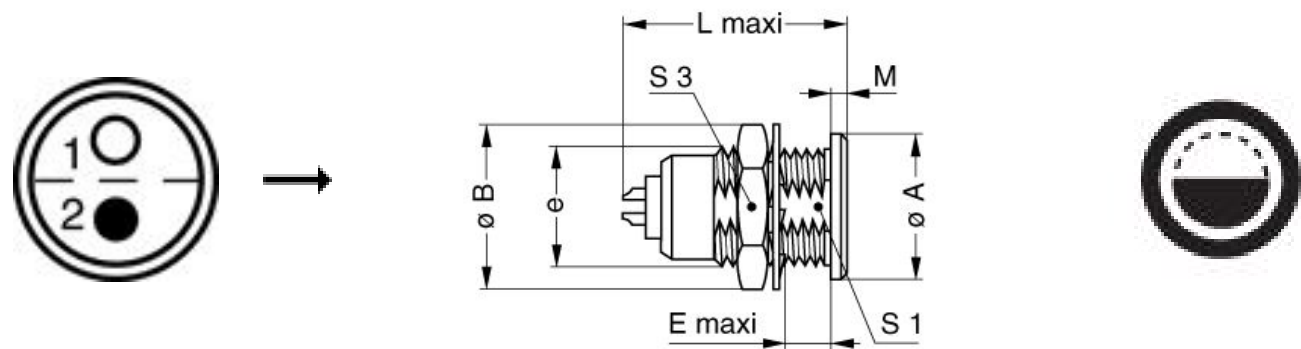
Others

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. | 10 | 12.5 | 7 | 18.5 | 1.2 | 8.2 | 11 | M9x0.6 |
| in. | 0,39 | 0,49 | 0,28 | 0,73 | 0,05 | 0,32 | 0,43 | |

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Tools

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