

SUMMARY

Wires

| | |
|---------|---|
| Low | 0 |
| High | 1 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

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| | |
|------------------|----------------------------|
| Series | 3S |
| Termination type | Female solder High-Voltage |
| IP rating | 50 |
| Cable Ø | 4.30 - 5.70 mm |
| Matching parts | |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PSA*: Fixed receptacle, nut fixing, cable collet |
| Keying | Circular (can rotate), plug has male contact(s) |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | ∅ 4.3 - 5.7 mm |
| Variant | |

Performance

| | |
|---------------|-------------------------|
| Configuration | 3S.405 : 1 High Voltage |
| Insulator | T: PTFE |
| Rated Current | 15 Amps |

Specifications

| | |
|----------------------|------|
| Contact Type: Solder | |
| Test voltage (kV DC) | 10.5 |
| Test voltage (kV AC) | 7.5 |

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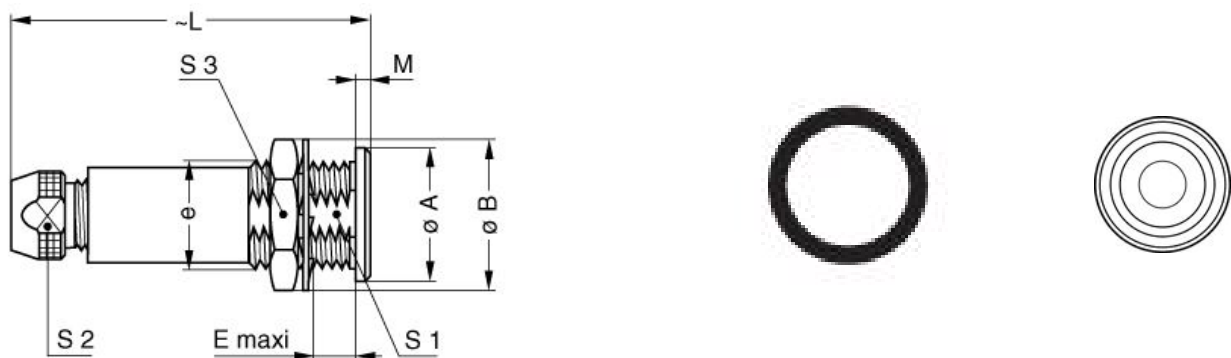
Air clearance (mm): 12.8
Creepage dist.(mm): 12.9

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]
Salt Spray Corrosion: >144 hr
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



Dimensions

| | A | B | E | L | M | S1 | S2 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 22 | 25.2 | 11.5 | 59 | 2 | 16.5 | 14 | 22 | M18x1.0 |
| in. | 0,87 | 0,99 | 0,45 | 2,32 | 0,08 | 0,65 | 0,55 | 0,87 | |

RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.3S.500.014

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Cables

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