

SUMMARY

Wires

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



Image is for illustrative purpose only

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| | |
|------------------|-------------------|
| Series | 3S |
| Termination type | Female solder |
| IP rating | 50 |
| Cable Ø | 9.80 - 10.50 mm |
| Matching parts | FFA.3S.250.CTAC11 |
| Status | |
| 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 | C11: 9.8 - 10.5 mm |
| Variant | |

Performance

| | |
|---------------|--------------------------|
| Configuration | 3S.250 : 1 Coax (50 Ohm) |
| Insulator | T: PTFE |
| Rated Current | 26 Amps |

Specifications

| |
|---------------------------------------|
| Contact Type: Coaxial 50 Ohm (Solder) |
| Max. Matings: 1000 |
| Contact Dia.: 3 mm (0.118in) |
| Bucket Dia.: 2.7 mm (0.106in) |
| Vtest: 3000 V (AC), 4200 V (DC) |
| Impedance: 50 Ohm |

VSWR: $1.06 + 0.5 \cdot f/\text{GHz}$

Cable type: RG 213/U, RG 115 A/U, RG 11 A/U, RG 144/U, RG 165 /U

Others

Endurance (Shell): 5000 mating cycles

Temp (min / max): $-55^{\circ}\text{C} / +250^{\circ}\text{C}$

Humidity (max): $\leq 95\%$ [at $60^{\circ}\text{C} / 140^{\circ}\text{F}$]

Vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [6 ms]

Salt Spray Corrosion: >144 hr

Climatical Category: 50/175/21

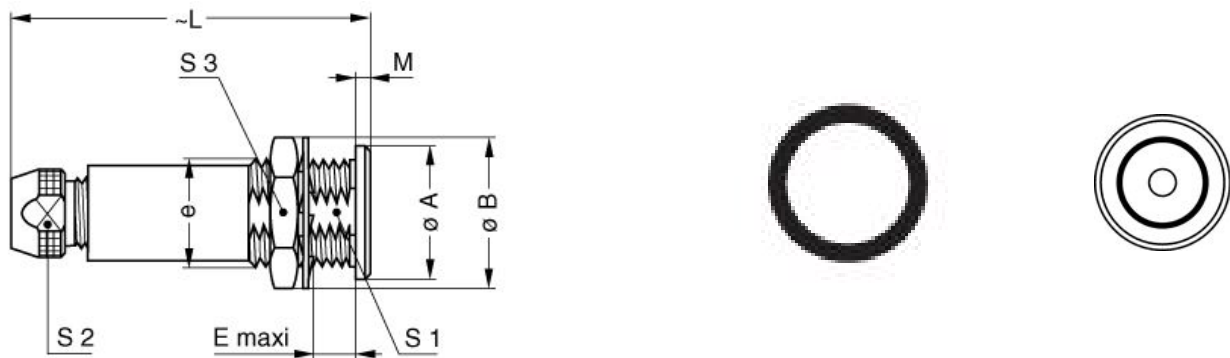
Shielding (min): 75 dB (10 MHz)

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

