

## SUMMARY

### # Wires

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



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|                  |                |
|------------------|----------------|
| Series           | 1S             |
| Termination type | Male solder    |
| IP rating        | 50             |
| Cable Ø          | 2.20 - 3.20 mm |
| Matching parts   | ERA.1S.275.CTL |

## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Shell Style/Model | FFA*: Straight plug, 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      | C32: 2.2 - 3.2 mm                                                                           |
| Variant           |                                                                                             |

### Performance

|               |                          |
|---------------|--------------------------|
| Configuration | 1S.275 : 1 Coax (75 Ohm) |
| Insulator     | T: PTFE                  |
| Rated Current | 10 Amps                  |

### Specifications

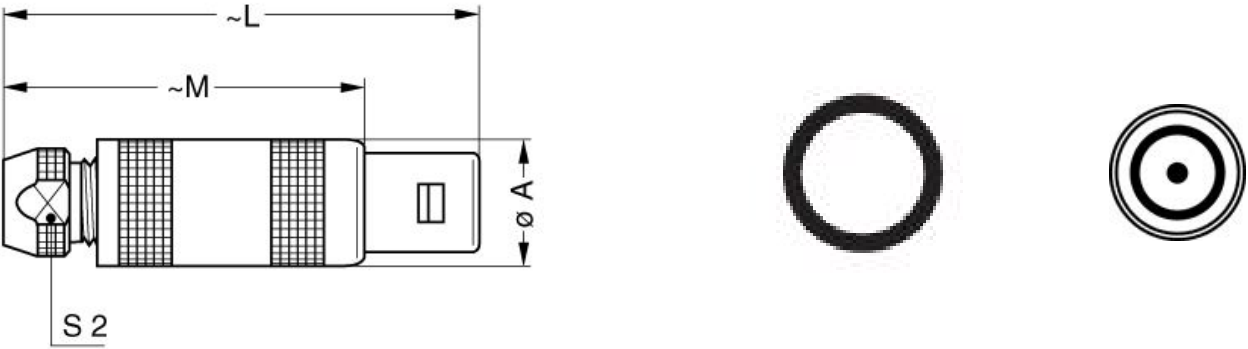
|                                                                                                           |
|-----------------------------------------------------------------------------------------------------------|
| Contact Type: Coaxial 75 Ohm (Solder)                                                                     |
| Max. Matings: 1000                                                                                        |
| Contact Dia.: 1.3 mm (0.0512in)                                                                           |
| Bucket Dia.: 1.1 mm (0.0432in)                                                                            |
| Vtest: 2400 V (AC), 3300 V (DC)                                                                           |
| Impedance: 75 Ohm                                                                                         |
| VSWR: 1.02 + 0.08 * f/GHz                                                                                 |
| Cable type: RG 179 B/U, RG 187 A/U, RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408 |

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    | C    | L    | M    | S2   |
|-----|------|------|------|------|------|
| mm. | 12   | 6.2  | 42.5 | 31.5 | 8.5  |
| in. | 0,47 | 0,24 | 1,67 | 1,24 | 0,33 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.15.132.085

Cables