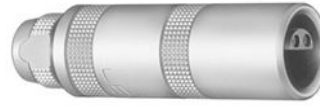


## SUMMARY

### # 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           | 1S                |
| Termination type | Female solder     |
| IP rating        | 50                |
| Cable Ø          | 5.20 - 6.20 mm    |
| Matching parts   | FFA.1S.275.CTAC62 |
| Status           |                   |
| Alternative part |                   |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | PCA*: Free receptacle, 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      | C62: 5.2 - 6.2 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:  $1.02 + 0.08 \cdot f/\text{GHz}$

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):  $-55^{\circ}\text{C} / +250^{\circ}\text{C}$

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)

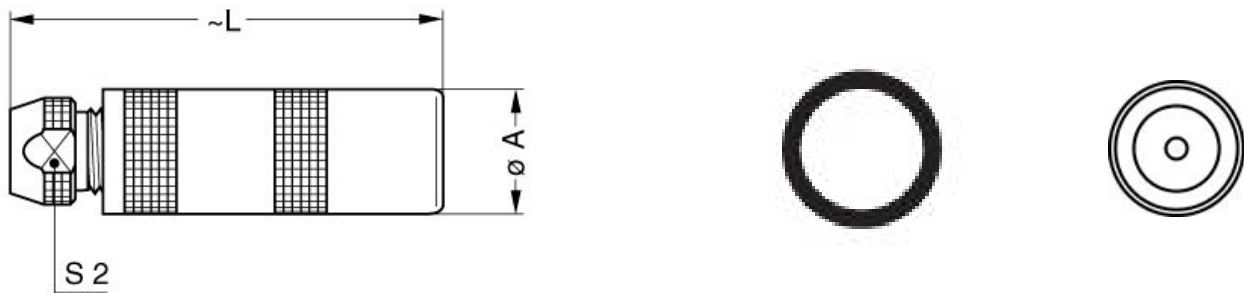
Shielding (min): 40 dB (1 GHz)

IP Rating: 50

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## DRAWINGS

### Draws



### Dimensions

|     | A    | C    | L    | S2   |
|-----|------|------|------|------|
| mm. | 11.9 | 6.2  | 40.5 | 8.5  |
| in. | 0,47 | 0,24 | 1,59 | 0,33 |

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: DCD.1S.015.PA085

