

## SUMMARY



Image is for illustrative purpose only

### # 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          | 5.90 - 6.50 mm |
| Matching parts   | ERA.1S.275.CLL |
| Status           | active         |
| Alternative part |                |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FLA*: Elbow 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      | C66: 5.9 - 6.5 mm   |
| Variant           |   |
| Weight            | 24.06 g   |

### 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)       |

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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)

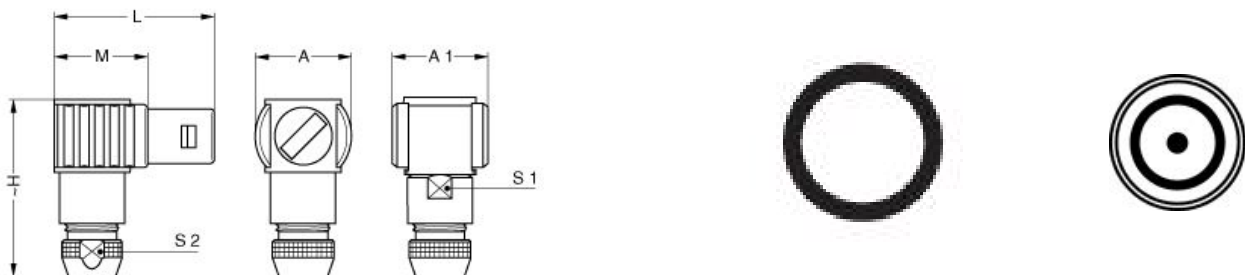
Shielding (min): 40 dB (1 GHz)

IP Rating: 50

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## DRAWINGS

### Draws



### Dimensions

|     | A    | A1   | H    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|------|------|
| mm. | 16   | 16   | 28.5 | 26.5 | 15.5 | 10   | 8.5  |
| in. | 0,63 | 0,63 | 1,12 | 1,04 | 0,61 | 0,39 | 0,33 |

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# RECOMMENDED BY LEMO

## Tools

None

## Cables

|                    |     |        |  |
|--------------------|-----|--------|--|
| 062 000            | PVC | Black  |  |
| 159 580            | PVC | Black  |  |
| CCX.50.RG0.58AU61J | PVC | Yellow |  |
| CCX.75.RG0.59BU62N | PVC | Black  |  |
| CCX.93.RG0.62AU62N | PVC | Black  |  |

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