

## 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           | 00                 |
| Termination type | Female solder      |
| IP rating        | 50                 |
| Cable Ø          | 2.80 - 3.10 mm     |
| Matching parts   | FFA.00.250.CTAC31Z |
| Status           |                    |
| Alternative part |                    |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | PCA*: Free receptacle with cable collet   |
| Keying            | Circular (can rotate)   |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing      | C31: 2.8 - 3.1 mm   |
| Variant           | Z : Nut for fitting a bend relief   |

### Performance

|               |                        |
|---------------|------------------------|
| Configuration | 0.25 : 1 Coax (50 Ohm) |
| Insulator     | T: PTFE                |
| Rated Current | 4 Amps                 |

### Specifications

|                                       |
|---------------------------------------|
| Contact Type: Coaxial 50 Ohm (Solder) |
| Max. Matings: 5000                    |
| Contact Dia.: 0.7 mm (0.028in)        |
| Bucket Dia.: 0.6 mm (0.024in)         |
| Test voltage: 2.1 kV (rms)            |
| R (max): 6.1 mOhm                     |

Vtest: 2100 V (AC), 3000 V (DC)

□

Impedance: 50 Ohm

VSWR:  $1.09 + 0.11 * f/\text{GHz}$

Cable type: RG 174 A/U

## Others

Endurance (Shell): 5000 mating cycles

F ret (min): 100 N

IP Rating: 50

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## DRAWINGS

### Draws



### Dimensions

|     | A    | L    | S2   |
|-----|------|------|------|
| mm. | 6.5  | 25   | 6    |
| in. | 0,26 | 0,98 | 0,24 |

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: DCD.00.003.PA060

### Cables