

## 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           | 0S                             |
| Termination type | Male solder Coaxial            |
| IP rating        | 50                             |
| Cable Ø          | 3.80 - 4.40 mm                 |
| Status           | NRND                           |
| Alternative part | FFA.0S.250.CTAC44              |
| Matching parts   | <a href="#">ERA.0S.250.CTL</a> |

## 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 |
| Variant           |                                                                                             |
| Weight            | 7.78 g                                                                                      |

### Performance

|               |                          |
|---------------|--------------------------|
| Configuration | 0S.250 : 1 Coax (50 Ohm) |
| Insulator     | T: PTFE                  |
| Rated Current | 6 Amps                   |

### Specifications

|                                       |
|---------------------------------------|
| Contact Type: Coaxial 50 Ohm (Solder) |
| Contact Dia.: 0.9 mm (0.035in)        |
| Bucket Dia.: 1 mm (0.039in)           |
| Vtest: 3000 V (AC), 4200 V (DC)       |

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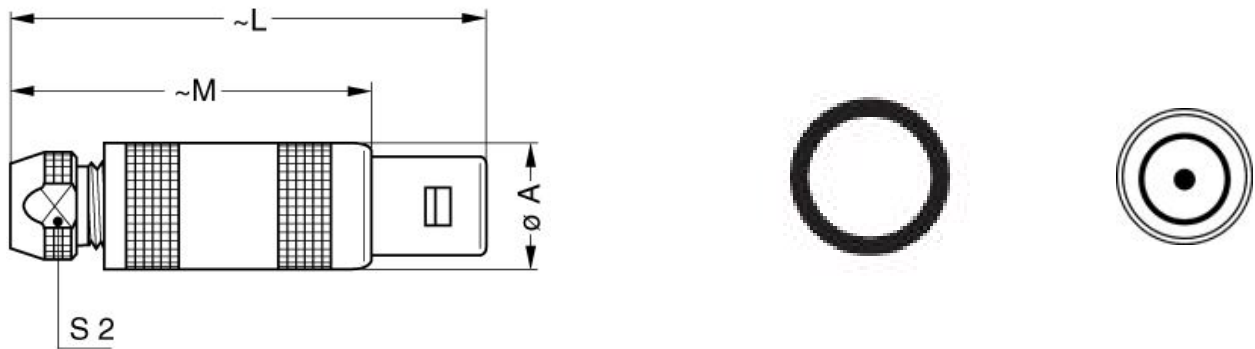
Impedance: 50 Ohm  
VSWR: 1.02 + 0.25 \* f/GHz  
Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

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]  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >144 hr  
IP Rating: 50

DRAWINGS

Draws



Dimensions

|     | A    | L    | M    | S2   |
|-----|------|------|------|------|
| mm. | 9    | 34.5 | 24.5 | 6.5  |
| in. | 0,35 | 1,36 | 0,96 | 0,26 |

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## Tools

Spanner wrench: DCD.OS.005.PA065

## Cables

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