

## PR-RC2-43F-L-C06

### 4.3-10 female connector for 1-1/4" coaxial leaky cable

**PROSE**

- 50Ω impedance
- 4.3-10 female interface
- Field installation
- Frequency up to 3.8GHz
- Good return loss and intermodulation performance

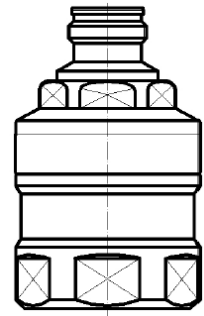


Photo for reference

#### Part number

|                  |                                                        |
|------------------|--------------------------------------------------------|
| PR-RC2-43F-L-C06 | 4.3-10 female connector for 1-1/4" coaxial leaky cable |
|------------------|--------------------------------------------------------|

#### Electrical data

|                                         |                            |
|-----------------------------------------|----------------------------|
| Characteristics impedance               | 50Ω                        |
| Frequency                               | DC to 3.8GHz               |
| Insulation resistance                   | ≥5GΩ                       |
| Center contact resistance               | 1.0mΩ                      |
| Outer contact resistance                | 0.6mΩ                      |
| Dielectric withstanding voltage         | 4000V rms                  |
| Operating voltage                       | 500V rms                   |
| Insertion loss                          | ≤0.12dB                    |
| VSWR                                    | ≤1.10 @ DC-1.0GHz          |
|                                         | ≤1.15 @ 1.0-2.7GHz         |
|                                         | ≤1.20 @ 2.7-3.8GHz         |
| Intermodulation (3 <sup>rd</sup> Order) | ≤-158dBc @1800MHz, 2x43dBm |

#### Mechanical data

|                                  |                            |
|----------------------------------|----------------------------|
| Interface                        | 4.3-10 female              |
| Suitable cable                   | 1-1/4" coaxial leaky cable |
| Mating cycles                    | ≥500 times                 |
| Connector torque proof recommend | 5 to 8N.m                  |

**Environment**

|                       |                                      |
|-----------------------|--------------------------------------|
| Working temperature   | -45°C to +85°C                       |
| Shock test method     | MIL-STD-202, method 213, condition D |
| Vibration test method | MIL-STD-202, method 204, condition A |
| RoHS                  | Compliant                            |

## Notice

- 1, The connection should be covered with addition weatherproof kits for long time duration.
- 2, Connection molding shape may be changed during the product life-time due to the manufacture skill upgrade.

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