



| NO | Items                           | Specs                                       |
|----|---------------------------------|---|
| 1  | Impedance                       | 50Ω   |
| 2  | Frequency                       | DC~6GHz                                     |
| 3  | V.S.W.R                         | 1.20 Max                                    |
| 4  | PIM                             | -155dBc Max.                                |
| 4  | Working Voltage                 | 500V  |
| 5  | Dielectric Withstanding Voltage | 1500V                                       |
| 6  | Insulation Resistance           | 3000 MΩ Min                                 |
| 7  | Contact Resistance              | Center contact ≤ 2mΩ<br>Outer contact ≤ 1mΩ |
| 8  | Temperture Range                | -55°C ~ +165°C                              |
| 9  | Mating                          | Screw-On / 500 Cycles                       |
| 10 | Material/Finish                 | All RoHS Compliant                          |

| NO | Description | Material | Finish |
|----|-------------|----------|--------|
| 1  | Body        | Brass    | CuSnZn |
| 2  | Shell       | Brass    | CuSnZn |
| 4  | Contactora  | Brass    | CuSnZn |
| 5  | Insulator   | Teflon   | -      |
| 7  | Snap Ring   | SUS304   | -      |
| 8  | Gasket      | Silicone | -      |

Dimensions Are in Millimeters  
Unless Otherwise Specified  
Tolerances

|           |         |
|-----------|---------|
| 0.5-6     | = ± 0.2 |
| 6-30      | = ± 0.4 |
| 30-120    | = ± 0.6 |
| 120-315   | = ± 1.0 |
| 315-1000  | = ± 1.6 |
| 1000-2000 | = ± 2.4 |

**ROHS COMPLIANT**

**COSMTEC** COSMTEC RESOURCES CO.,LTD

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|          |                           |        |     |
|----------|---------------------------|--------|-----|
| Part No. | MD54-012                  |        |     |
| Title:   | 4.3-10 DIN PLUG TO N JACK |        |     |
| DATE:    | JAN/26/2023               | SCALE: | 1:1 |
| UNIT     | m/m                       | REV    | A   |