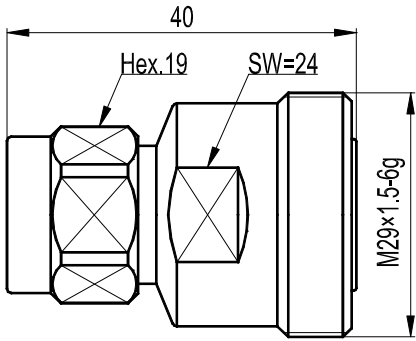


TECHNICAL SPECIFICATION

7/16F-NM



7.16 Type female to N Type male
ID:2.4.81.1122.3(01)
Rev: A0

Material and Plating

| | |
|----------------------|----------------------------|
| Center contact | Tin Bronze / Silver Plated |
| Outer contact & Body | Brass / Trimetal Plated |
| Dielectric | PTFE |
| Gasket | Silicon Rubber |
| Nut | Brass / Nickel Plated |

Electrical Specifications

| | | |
|---------------------------------|--------------|-----------|
| Characteristics Impedance | 50 Ohm | |
| Frequency Range | DC~7.5GHz | |
| Insulation Resistance | ≥10000MΩ | |
| Dielectric Withstanding Voltage | 2500V rms | |
| Operating Voltage | 1400V rms | |
| | N type | 7/16 type |
| Center contact resistance | ≤1.00mΩ | ≤0.4mΩ |
| Outer contact resistance | ≤0.25mΩ | ≤0.2mΩ |
| Insertion Loss | @DC-3.0 GHz | ≤0.17dB |
| VSWR | @0.8-1.0 GHz | ≤1.08 |
| | @1.0-3.0 GHz | ≤1.10 |
| PIM3 | | ≤-155dBc |

Environmental & Mechanical Specifications

| | |
|------------------------------|---|
| Durability (matings) | ≥500 cycles |
| Mechanical Shock Test Method | MIL-STD-202, Method 213, Test Condition D |
| Vibration Test Method | MIL-STD-202, Meth. 204, Cond. A |
| Temperature Range | -65°C to +165°C |
| RoHS | Compliant |

Regulatory Compliance / Certification

| | |
|---------------|-----------|
| ISO 9001:2015 | Compliant |
|---------------|-----------|

The facts and figures contained herein are carefully complied to the best of our knowledge, but they are intended for general informational purposes only.

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