

Data Sheet

RF TERMINATION Type 6506.17.A

Description

Standard Termination, Medium Power



Product Configuration

Connector N plug (male)
Interface standards IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

Nominal Impedance 50 Ω
Frequency range 0 to 12.4 GHz
Frequency sub range DC to 1 GHz 1 to 4 GHz 4 to 10 GHz 10 to 12.4 GHz
VSWR max. 1.05 1.1 1.2 1.25
Power rating 6 Watt average power up to 40 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature.
8 watt at max 20°C. Convection cooled.
1000 Watt peak power , 5 μ s pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.073 kg

Environmental Data

Operating temperature -55 °C to 85 °C
2011/65/EU (RoHS) compliant

Material Data

Piece Part	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	
Body	Aluminium	
Insulator	Air Dielectric - Bead - PS	
Coupling nut	Brass	SUCOPLATE (R) Plating

Related Documents

Outline drawing DOU-00005439

Ordering Information

Single Packaging 6506.17.A
Packaging

Additional Information

Important note WARNING Beryllia Ceramic Inside! DO NOT sand, scrap or tamper with. Dispose in accordance with all relevant regulations.