

## RF TERMINATION Type 6506.17.B

### Description

Standard Termination, Medium Power



### Product Configuration

Connector N jack (female)  
Interface standards IEC 60169-16\_MIL-STD-348A/304\_CECC 22210

### Technical Data

#### Electrical Data

Nominal Impedance 50  $\Omega$   
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.  
1000 Watt peak power , 5  $\mu$ s pulse, 0.05 % duty cycle

#### Mechanical Data

Weight 0.057 kg

#### Environmental Data

Operating temperature -40 °C to 130 °C  
2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

#### Material Data

| Piece Part     | Material                   | Surface Plating                            |
|----------------|----------------------------|--|
| Centre contact | Copper Beryllium Alloy     | Gold Plating (without Nickel underplating) |
| Outer contact  | Stainless Steel            |  |
| Body           | Aluminium                  | Anodized                                   |
| Insulator      | Air Dielectric - Bead - PS |  |

### Related Documents

Outline drawing DOU-00005441

### Ordering Information

Single Packaging 6506.17.B  
Packaging

### Additional Information

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