# **Data Sheet**



# **RF TERMINATION** Type 6506.17.0001

## **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 0 to 6 GHz Frequency range

Frequency sub range DC to 2 GHz 4 to 6 GHz 2 to 4 GHz VSWR max. 1.1 1.2 1.25

Power rating 6 Watt average power up to 40 °C ambient temperature, linearly derated to 0 Watt at 125 °C ambient

temperature.

1000 Watt peak power, 5 µs pulse, 0.05 % duty cycle

**Mechanical Data** 

Weight 0.075 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)

-40 °C to 125 °C not compliant

#### **Material Data**

| Piece Part     | Material   | Surface Plating                            |
|----------------|------------|--------------------------------------------|
| Centre contact | Bronze     | Gold Plating (without Nickel underplating) |
| Outer contact  | Brass      | SUCOPLATE (R) Plating                      |
| Body           | Aluminium  |                                            |
| Insulator      | PFA / PTFE |                                            |
| Coupling nut   | Brass      | SUCOPLATE (R) Plating                      |

### **Related Documents**

Outline drawing DOU-00005372

## **Ordering Information**

6506 17 0001 Single Packaging Packaging

### **Additional Information**

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

relevant regulations.

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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