# **Data Sheet**

# IUBER+SUHNER

## **RF TERMINATION** Type 6506.41.A

### **Description**

Standard Termination, Medium Power



## **Product Configuration**

7/16 plug (male) Connector

Interface standards IEC 60169-4\_CECC 22190\_DIN 47223\_VG 95250

#### **Technical Data**

**Electrical Data** 

Nominal Impedance 50 Ω 0 to 8 GHz Frequency range

Frequency sub range DC to 1 GHz 1 to 4 GHz 4 to 8 GHz VSWR max. 1 05 1 1 12

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 µs pulse, 0.05 % duty cycle

**Mechanical Data** 

Weight 0.13 kg

**Environmental Data** 

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

#### **Material Data**

| Piece Part     | Material                   | Surface Plating       |
|----------------|----------------------------|-----------------------|
| Centre contact | Bronze                     | Silver Plating        |
| Outer contact  | Brass                      | Silver Plating        |
| Body           | Aluminium                  |                       |
| Insulator      | Air Dielectric - Bead - PS |                       |
| Coupling nut   | Brass                      | SUCOPLATE (R) Plating |

#### **Related Documents**

Outline drawing DOU-00005454

### **Ordering Information**

Single Packaging 6506.41.A 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

www.hubersuhner.com

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6506.41.A