# **Data Sheet**



## **RF Attenuator** 6805.19.A

### **Description**

Standard Attenuator, Low Power



### **Product Configuration**

Connector (side 1 / side 2) Interface Standards

SMA plug (male) / SMA jack (female)

IEC 60169-15\_MIL-STD-348A/310\_CECC 22110

#### **Technical Data**

**Electrical Data** 

VSWR max

Nominal impedance 50 Ω 5 dB Nominal attenuation

DC to 18 GHz Frequency range

Frequency sub range (GHz) DC to 4 4 to 8 8 to 12.4 12.4 to 18 Attenuation deviation (±dB) 0.3 0.3 0.5 0.8

12 Power rating 2 Watt average power up to 30  $^{\circ}$ C ambient temperature, linearly derated to 0 Watt at 130  $^{\circ}$ C ambient

11

temperature.

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

1.2

1.35

**Mechanical Data** 

Weight 0.008 kg

**Environmental Data** 

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

-55 °C to 130 °C compliant

#### **Material Data**

| Piece Part (side 1) | Material               | Surface Plating |
|---------------------|------------------------|-----------------|
| Centre contact      | Copper Beryllium Alloy | Gold Plating    |
| Outer contact       | Copper Beryllium Alloy | Gold Plating    |
| Body                | Copper Beryllium Alloy | Gold Plating    |
| Insulator           | PFA / PTFE             |                 |
| Coupling nut        | Bronze                 | Gold Plating    |
| Piece Part (side2)  | Material               | Surface Plating |
| Centre contact      | Copper Beryllium Alloy | Gold Plating    |
| Outer contact       | Copper Beryllium Alloy | Gold Plating    |
| Body                | Copper Beryllium Alloy | Gold Plating    |
| Insulator           | PFA / PTFE             |                 |

### **Related Documents**

Outline drawing DCA-00005292

**Ordering Information** 

6805.19.A Single packaging

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

www.hubersuhner.com

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only