# **Data Sheet**



# **RF TERMINATION** Type 65\_SMC-50-0-2/111\_N

## **Description**

Standard Termination, Low Power



## **Product Configuration**

SMC plug (male) Connector

Interface standards IEC 60169-9\_MIL-STD-348A/312\_CECC 22140

#### **Technical Data**

**Electrical Data** 

50 Ω Nominal Impedance 0 to 6 GHz Frequency range

Frequency sub range DC to 3 GHz

3 to 6 GHz VSWR max. 1 22 1 1

Power rating 1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 85 °C ambient

temperature.

**Mechanical Data** 

Weight 0.0015 kg 100 Matings

**Environmental Data** 

Operating temperature -40 °C to 85 °C 2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

#### **Material Data**

Piece Part	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPRO Plating
Body	Brass	SUCOPRO Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	Gold Plating (Nickel underplated)

## **Related Documents**

Outline drawing DOU-00008685

Packaging

65\_SMC-50-0-2/111\_NE Single Packaging

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