

## RF TERMINATION

### Type 65\_SMB-50-0-1/111\_N

### Description

Standard Termination, Low Power



### Product Configuration

|                     |                                          |
|---------------------|------------------------------------------|
| Connector           | SMB plug (male)                          |
| Interface standards | IEC 60169-10_MIL-STD-348A/311_CECC 22130 |

### Technical Data

#### Electrical Data

|                   |                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal Impedance | 50 $\Omega$                                                                                                                              |
| Frequency range   | 0 to 4 GHz                                                                                                                               |
| VSWR              | $\leq 1.04 + 0.08 f$ (GHz), max. 1.362                                                                                                   |
| Power rating      | 0.5 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature.<br>500 Watt peak power |

#### Mechanical Data

|        |           |
|--------|-----------|
| Weight | 0.0029 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 (Nickel underplated) |
| Outer contact  | Brass                  | Gold Plating (Nickel underplated) |
| Body           | Brass                  | Gold Plating (Nickel underplated) |
| Insulator      | PFA / PTFE             |                                   |

### Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00008605 |
|-----------------|--------------|

### Ordering Information

|                  |                      |
|------------------|----------------------|
| Single Packaging | 65_SMB-50-0-1/111_NE |
| Packaging        |                      |