

## RF TERMINATION

### Type 65010\_N-50-1/199\_N

## 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 $\Omega$                                                                                                                                                                  |
| Frequency range   | 0 to 6 GHz                                                                                                                                                                   |
| VSWR max.         | 1.2                                                                                                                                                                          |
| Power rating      | 10 Watt average power up to 25 °C ambient temperature, linearly derated to 2 Watt at 125 °C ambient temperature.<br>250 Watt peak power , 5 $\mu$ s pulse, 0.05 % duty cycle |

### Mechanical Data

|        |          |
|--------|----------|
| Weight | 0.044 kg |
|--------|----------|

### Environmental Data

|                                                      |                  |
|------------------------------------------------------|------------------|
| Operating temperature                                | -65 °C to 125 °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         |
| Outer contact  | Stainless Steel                | Passivated (Plating) |
| Body           | Aluminium                      | Anodized             |
| Insulator      | PTFE (Polytetrafluoroethylene) |                      |
| Coupling nut   | Stainless Steel                | Passivated (Plating) |

## Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00107962 |
|-----------------|--------------|

## Ordering Information

|                  |                     |
|------------------|---------------------|
| Single Packaging | 65010_N-50-1/199_NE |
| Packaging        |                     |

## Additional Information

|                |          |
|----------------|----------|
| Important note | WARNING: |
|----------------|----------|