

## RF TERMINATION

### Type 6506.26.A

## Description

Standard Termination, Medium Power



## Product Configuration

|                     |                                          |
|---------------------|------------------------------------------|
| Connector           | TNC plug (male)                          |
| Interface standards | IEC 60169-17_MIL-STD-348A/313_CECC 22200 |

## Technical Data

### Electrical Data

|                     |                                                                                                                                                                              |            |             |                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|----------------|
| Nominal Impedance   | 50 $\Omega$                                                                                                                                                                  |            |             |                |
| Frequency range     | 0 to 12.4 GHz                                                                                                                                                                |            |             |                |
| Frequency sub range | DC to 1 GHz                                                                                                                                                                  | 1 to 4 GHz | 4 to 10 GHz | 10 to 12.4 GHz |
| VSWR max.           | 1.05                                                                                                                                                                         | 1.1        | 1.2         | 1.3            |
| Power rating        | 6 Watt average power up to 40 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature.<br>1000 Watt peak power , 5 $\mu$ s pulse, 0.05 % duty cycle |            |             |                |

### Mechanical Data

|        |          |
|--------|----------|
| Weight | 0.063 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 | Brass           | Gold Plating (without Nickel underplating) |
| Outer contact  | Stainless Steel |                                            |
| Body           | Aluminium       | Anodized                                   |
| Insulator      | PFA / PTFE      |                                            |
| Coupling nut   | Brass           | SUCOPLATE (R) Plating                      |

## Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00240601 |
|-----------------|--------------|

## Ordering Information

|                  |           |
|------------------|-----------|
| Single Packaging | 6506.26.A |
| Packaging        |           |

## Additional Information

|                |                                                                                                                          |
|----------------|--------------------------------------------------------------------------------------------------------------------------|
| Important note | WARNING Beryllia Ceramic Inside! DO NOT sand, scrap or tamper with. Dispose in accordance with all relevant regulations. |
|----------------|--------------------------------------------------------------------------------------------------------------------------|