

## RF TERMINATION Type 6525.41.AA

### Description

Standard Termination, Medium Power



### Product Configuration

|                     |                                           |
|---------------------|-------------------------------------------|
| Connector           | 7/16 plug (male)                          |
| Interface standards | IEC 60169-4_CECC 22190_DIN 47223_VG 95250 |

### Technical Data

#### Electrical Data

|                     |                                                                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal Impedance   | 50 $\Omega$                                                                                                                                                                   |
| Frequency range     | 0 to 5 GHz                                                                                                                                                                    |
| Frequency sub range | DC to 2 GHz      2 to 5 GHz                                                                                                                                                   |
| VSWR max.           | 1.1      1.2                                                                                                                                                                  |
| Power rating        | 25 Watt average power up to 25 °C ambient temperature, linearly derated to 0 Watt at 150 °C ambient temperature.<br>1500 Watt peak power , 5 $\mu$ s pulse, 0.05 % duty cycle |

#### Mechanical Data

|        |          |
|--------|----------|
| Weight | 0.204 kg |
|--------|----------|

#### Environmental Data

|                                                      |                  |
|------------------------------------------------------|------------------|
| Operating temperature                                | -40 °C to 150 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant        |

#### Material Data

| Piece Part     | Material   | Surface Plating       |
|----------------|------------|-----------------------|
| Centre contact | Brass      | Silver Plating        |
| Outer contact  | Brass      | SUCOPLATE (R) Plating |
| Body           | Aluminium  | Anodized              |
| Insulator      | PFA / PTFE |                       |
| Coupling nut   | Brass      | SUCOPLATE (R) Plating |

### Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00005462 |
|-----------------|--------------|

### Ordering Information

|                  |            |
|------------------|------------|
| Single Packaging | 6525.41.AA |
| Packaging        |            |

### Additional Information

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