

## RF TERMINATION Type 6506.41.B

### Description

Standard Termination, Medium Power



### Product Configuration

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

### Technical Data

#### Electrical Data

|                     |  |            |            |
|---------------------|--|------------|------------|
| Nominal Impedance   | 50 $\Omega$  |            |            |
| Frequency range     | 0 to 8 GHz   |            |            |
| Frequency sub range | DC to 1 GHz  | 1 to 4 GHz | 4 to 8 GHz |
| VSWR max.           | 1.05   | 1.1        | 1.2        |
| 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 | 0.13 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 | Bronze                     | Silver Plating        |
| Outer contact  | Brass                      | SUCOPLATE (R) Plating |
| Body           | Aluminium                  | Anodized              |
| Insulator      | Air Dielectric - Bead - PS |                       |

### Related Documents

|                 |              |
|-----------------|--------------|
| Outline drawing | DOU-00005456 |
|-----------------|--------------|

### Ordering Information

|                  |           |
|------------------|-----------|
| Single Packaging | 6506.41.B |
| Packaging        |           |

### Additional Information

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