

## RF TERMINATION Type 6701.17.A

### Description

Feed Through Termination, Low Power



### Product Configuration

Connectors (side 1 / side 2) N plug (male) / N jack (female)  
Interface standards IEC 60169-16\_MIL-STD-348A/304\_CECC 22210

### Technical Data

#### Electrical Data

Nominal Impedance 50  $\Omega$   
Frequency range 0 to 0.5 GHz  
Frequency sub range DC to 0.2 GHz 0.2 to 0.5 GHz  
VSWR max. 1.12 1.3  
Power rating 0.5 Watt average power up to 70 °C ambient temperature, linearly derated to 0 Watt at 125 °C ambient temperature.  
500 Watt peak power

#### Mechanical Data

Weight 0.066 kg

#### Environmental Data

Operating temperature -40 °C to 125 °C  
2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

#### Material Data

| Piece Part (side1) | Material               | Surface Plating                            |
|--------------------|------------------------|--|
| Centre contact     | Brass                  | Gold Plating (without Nickel underplating) |
| Outer contact      | Brass                  | SUCOPLATE (R) Plating                      |
| Body               | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator          | PFA / PTFE             |  |
| Coupling nut       | Brass                  | SUCOPLATE (R) Plating                      |
| Piece Part (side2) | Material               | Surface Plating                            |
| Centre contact     | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact      | Brass                  | SUCOPLATE (R) Plating                      |
| Body               | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator          | PFA / PTFE             |  |

### Related Documents

Outline drawing DOU-00005473

### Ordering Information

Single Packaging 6701.17.A  
Packaging

### Additional Information

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### Remarks

DC resistance: 50 Ohm +/- 1 %

VSWR 1.09 typ. up to 200 MHz

VSWR 1.24 typ. up to 500 MHz