

## RF TERMINATION

### Type 6506.19.A

## Description

Standard Termination, Medium Power



## Product Configuration

Connector	SMA plug (male)
Interface standards	IEC 60169-15_MIL-STD-348A/310_CECC 22110

## 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	1.25
Power rating	6 Watt average power up to 40 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature. 1000 Watt peak power , 5 $\mu$ s pulse, 0.05 % duty cycle			

### Mechanical Data

Weight	0.051 kg
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### 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	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Aluminium	
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)

## Ordering Information

Single Packaging	6506.19.A
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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