

# Data Sheet

## RF TERMINATION

### Type 65050\_SMA-50-1/19-\_N

#### 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 6 GHz
VSWR max.	1.25
Power rating	50 Watt average power up to 25 °C ambient temperature, linearly derated to 10 Watt at 125 °C ambient temperature. Convection cooled. 500 Watt peak power , 5 $\mu$ s pulse, 0.05 % duty cycle

##### Mechanical Data

Weight	0.493 kg
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##### Environmental Data

Operating temperature 2011/65/EU (RoHS)	-65 °C to 125 °C compliant
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##### Material Data

Piece Part	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel	Passivated (Plating)

#### Related Documents

Outline drawing	DOU-00120753
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#### Ordering Information

Single Packaging	65050_SMA-50-1/19-_NE
Packaging	