

Data Sheet

RF TERMINATION Type 6550.17.AA

Description

Standard Termination, Medium Power



Product Configuration

Connector	N plug (male)
Interface standards	IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

Nominal Impedance	50 Ω
Frequency range	0 to 5 GHz
VSWR	$\leq 1.1 + 0.02 f$ (GHz), max. 1.201
Power rating	50 Watt average power up to 25 °C ambient temperature, linearly derated to 0 Watt at 150 °C ambient temperature. Convection cooled. 1500 Watt peak power , 5 μ s pulse, 0.05 % duty cycle

Mechanical Data

Weight	0.151 kg
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Environmental Data

Operating temperature	-40 °C to 150 °C
2011/65/EU (RoHS)	compliant

Material Data

Piece Part	Material	Surface Plating
Centre contact	Brass	Gold Plating (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Aluminium	Anodized
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

Related Documents

Outline drawing	DOU-00005423
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Ordering Information

Single Packaging	6550.17.AA
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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Remarks

50 Watt, if the termination is mounted on an additional heat sink with a max. thermal resistance (R_{th}) of 5 K/Watt. Without additional heat sink this termination is applicable up to 25 Watts only.

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