

RF TERMINATION Type 6550.41.AB

Description

Standard Termination, Medium Power



Product Configuration

Connector 7/16 plug (male)
Interface standards IEC 60169-4_CECC 22190_DIN 47223_VG 95250

Technical Data

Electrical Data

Nominal Impedance 50 Ω
Frequency range 0 to 2 GHz
VSWR max. 1.1
Power rating 50 Watt average power up to 25 °C ambient temperature, linearly derated to 0 Watt at 150 °C ambient temperature.
1500 Watt peak power , 5 μ s pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.208 kg

Environmental Data

Operating temperature -40 °C to 150 °C
2011/65/EU (RoHS - including
2015/863 and 2017/2102) compliant

Material Data

Piece Part	Material	Surface Plating
Centre contact	Brass	Silver Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Aluminium	Anodized
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

Related Documents

Outline drawing DOU-00005437

Ordering Information

Single Packaging 6550.41.AB
Packaging

Additional Information

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

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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