

Electrical

## **Coaxial RF Termination**

**RFT04100N1** 



## DC-4 GHz, N Female, 100 Watts

Rev 3

Impedance   50 ohm     Frequency Range   DC-4 GHz     VSWR   1.15 max     Input Avg Power   100W@ 25°C ambient, derating linearly to 10W at 100°C     Peak Power   5kW (5 micro-sec pulse width, 0.5% duty cycle)     Mechanical   Environmental     Connector Body   Ternary alloy plated brass     Center Contact   Gold plated beryllium copper     Heat Sink   Black anodized aluminum     Dimensions(mm)   Total of the provention of the proventin of the provention of the provention of t
VSWR   1.15 max     Input Avg Power   100W@ 25°C ambient, derating linearly to 10W at 100°C     Peak Power   5kW (5 micro-sec pulse width, 0.5% duty cycle)     Mechanical   Environmental     Connector Body   Ternary alloy plated brass     Center Contact   Gold plated beryllium copper     Heat Sink   Black anodized aluminum     Dimensions(mm)   Operating Temp
Input Avg Power   100W@ 25°C   ambient, derating linearly to 10W at 100°C     Peak Power   5kW (5 micro-sec pulse width, 0.5% duty cycle)     Mechanical   Environmental     Connector Body   Ternary alloy plated brass   Operating Temp   -55°C to 100°C     Center Contact   Gold plated beryllium copper   Storage Temp   -55°C to 125°C     Heat Sink   Black anodized aluminum   RoHS   Compliant     Dimensions(mm)   Operating Temp   -55°C to 125°C
Peak Power   5kW (5 micro-sec pulse width, 0.5% duty cycle)     Mechanical   Environmental     Connector Body   Ternary alloy plated brass     Center Contact   Gold plated beryllium copper     Heat Sink   Black anodized aluminum     Dimensions(mm)   Operating Temp
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Center Contact   Gold plated beryllium copper     Heat Sink   Black anodized aluminum   Storage Temp   -55°C to 125°C     Dimensions(mm)   Compliant
Heat Sink Black anodized aluminum RoHS Compliant   Dimensions(mm) Image: Im
Dimensions(mm)
<u>121±0.5</u> 136±1.5

## Notes

1.Customized outlines and optimal VSWR available.

2.To maintain best performance, recommended to use fan to keep the case temperature under  $85^{\circ}$ C.