

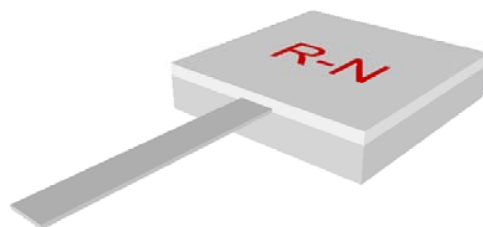
RPC250-250-4T50-5C

DC-8GHz HIGH POWER TERMINATION

The RPC250-250-4T50-5C offers excellent performance to 8 GHz. This high power chip termination handles 100W which makes it ideal for different applications in various commercial and military frequency bands. The RPC250-250-4T50-5C is also RoHS compliant.

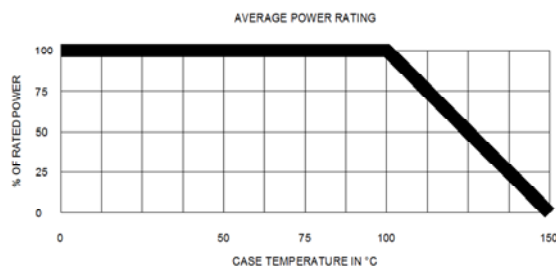
Features:

- Low VSWR
- DC-8 GHz
- BeO Substrate
- 100 Watts
- RoHS Compliant

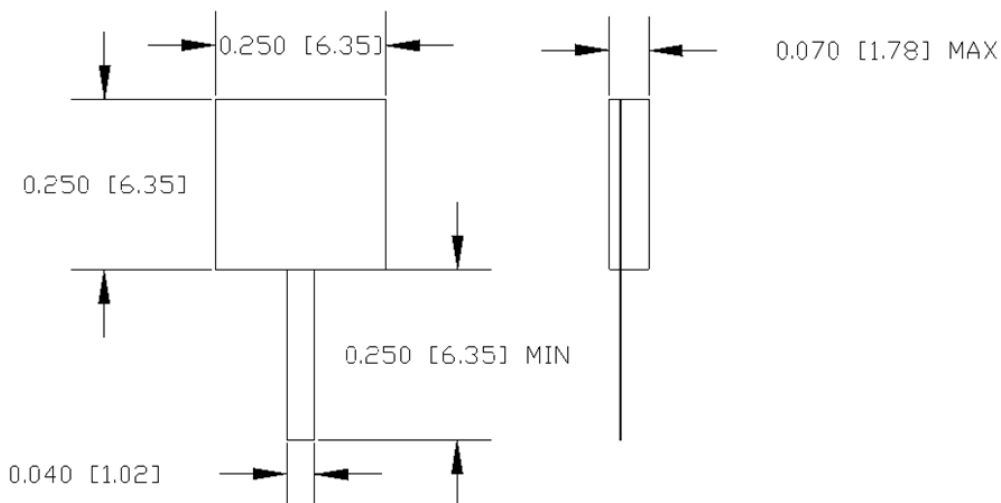


Specifications:

- Resistance: 50 Ohms, +/-5%
- Frequency: DC - 8 GHz
- Power: 100 Watts
- VSWR 1.2:1
- Operating Temperature: -55°C to 150°C



Mechanical Outline



Dimensions are in inches [mm]

P.O. BOX 18802, Clearwater, FL 33762
1-800-526-0704



RPC250-250-4T50-5C

DC-8GHZ HIGH POWER CHIP TERMINATION

Typical Performance

S11 FORWARD REFLECTION

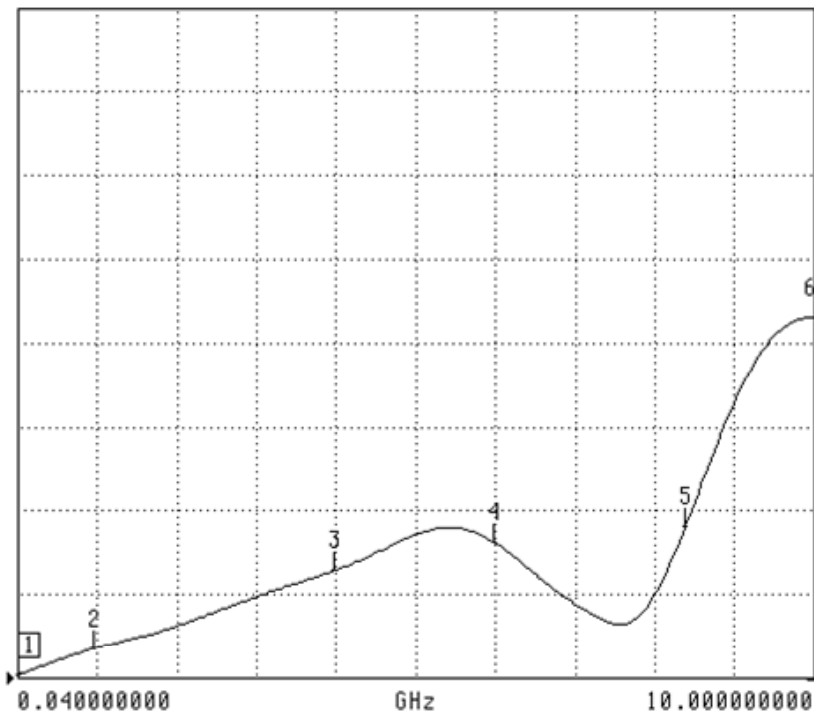
FGT

CH 3 - S11
0.0000 mm REF
0.000 dB OFFSET
0.00° OFFSET

SWR

REF=1.000 U

100.000 mU/DIV



MARKER 1
0.040000000 GHz
1.003 U

MARKER TO MAX
MARKER TO MIN

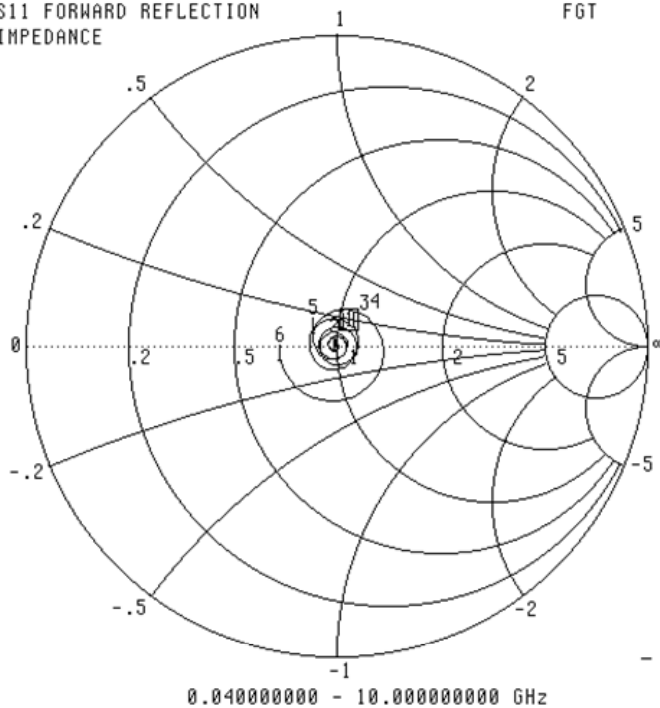
- 2 1.000000000 GHz
1.035 U
- 3 4.000000000 GHz
1.128 U
- 4 6.000000000 GHz
1.163 U
- 5 8.400000000 GHz
1.181 U
- 6 10.000000000 GHz
1.431 U

MARKER READOUT
FUNCTIONS

S11 FORWARD REFLECTION
IMPEDANCE

FGT

CH 4 - S11
0.0000 mm REF
0.000 dB OFFSET
0.00° OFFSET



MARKER 1
0.040000000 GHz
50.143 Ω
64.091 jΩ

MARKER TO MAX
MARKER TO MIN

- 2 1.000000000 GHz
49.696 Ω
-1.702 jΩ
- 3 4.000000000 GHz
52.343 Ω
5.755 jΩ
- 4 6.000000000 GHz
55.677 Ω
6.249 jΩ
- 5 8.400000000 GHz
43.238 Ω
3.469 jΩ
- 6 10.000000000 GHz
34.628 Ω
-3.337 jΩ

MARKER READOUT
FUNCTIONS

P.O. BOX 18802, Clearwater, FL 33762
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RES-NET MICROWAVE



Electro Technik Industries

RES-NET MICROWAVE

Capacitive Products

Arizona Capacitors, Inc.
1100 S. Plumer Avenue, Tucson, AZ 85719
tel: 520-573-0221 fax: 520-573-0520
azcapsales@electrotechnik.com
www.arizonacapacitors.com

- Wound Film Capacitors and Electronic Filters

Custom Suppression, Inc.
1100 S. Plumer Avenue, Tucson, AZ 85719
tel: 520-573-0223 fax: 520-573-0520
csisales@electrotechnik.com
www.customsuppression.com

- Broadband, Microwave, EMI, and RFI Filters, Filtered Connectors, and Assemblies

Microwave Products

Res-Net Microwave, Inc.
P.O. Box 18802, Clearwater, FL 33762
tel: 727-530-9555 fax: 727-531-8215
res_sales_service@electrotechnik.com
www.res-netmicrowave.com

- RF/Microwave Resistors, Attenuators, Terminations

Wavetronix Corp.
P.O. Box 18802, Clearwater, FL 33762
tel: 727-530-9555 fax: 727-531-8215
wave_sales_service@electrotechnik.com
www.wavetronix-eti.com

- RF/Microwave Cable Assemblies and Semi-Rigid Coaxial Cables

Resistive Products

Tepro of Florida, Inc.
P.O. Box 18802, Clearwater, FL 33762
tel: 727-796-1044 fax: 727-791-7425
tep_sales_service@electrotechnik.com
www.tepro-vamistor.com

- Wirewound and Metal Film Resistors

Vamistor
P.O. Box 1260, Clearwater, FL 33757
tel: 727-796-1044 fax: 727-791-7425
tep_sales_service@electrotechnik.com
www.tepro-vamistor.com

- Carbon Film and RL 42 Resistors

Magnetics Products

Hytronics Corp.
P.O. Box 18802, Clearwater, FL 33762
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hy_sales_service@electrotechnik.com
www.hytronicscorp.com

- Power Transformers and Power Inductors

Raycom Electronics, Inc.
P.O. Box 250, 1 Raycom Rd.
Dover, PA 17315
tel: 717-292-3641 fax: 717 292-2919
raycomsaleservice@electrotechnik.com
www.raycomelectronics.com

- Custom Military and Avionics Magnetics

Goguen Industries

1100 S. Plumer Avenue, Tucson, AZ 85719
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goguensales@electrotechnik.com
www.goguenindustries.com

- Specialty Inductors, Transformers, and Air Coils

Inductive Technologies, Inc. (I-Tech)
P.O. Box 18802, Clearwater, FL 33762
tel: 727-532-4459 fax: 727-531-1592
i-techsales@electrotechnik.com
www.inductech.com

- Standard Catalog Inductors and Transformers

Winatic Corp.

P.O. Box 18802, Clearwater, FL 33762
tel: 727-538-8917 fax: 727-531-1592
win_sales_service@electrotechnik.com
www.winatic.com

- Transformers and Inductors for Medical Devices and Equipment

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