

POWER FLANGE TERMINATIONS

Specifications

- Impedance: 50 Ohms
- Tolerance: $\pm 5\%$
- Power: See Table
- VSWR & Frequency Range: See Table
- Operating Temperature: -55°C to 150°C

Materials

- Substrate: Beryllium oxide
- Tabs: Silver plated beryllium copper
- Flange: Nickel plated copper
- Cover: Alumina
- Resistive Film: Thick film

RES-NET PART #	INPUT POWER (WATTS AVG)	FREQUENCY RANGE	VSWR (MAX)	FIGURES
RPT300-20-50-5 RPT301-20-50-5	20	DC - 8.0GHz	1.3:1	<p>FIGURE 1</p>
RPS100T-50-5	100	DC - 2.0GHz	1.25:1	<p>FIGURE 2</p>
RPT51X-20-50-5	20	DC - 2.0GHz	1.10:1 (DC - 1.0GHz) 1.25:1 (1.0-2.0GHz)	<p>FIGURE 3</p>
RPT51X-30-50-5	30	DC - 4.0GHz	1.20:1	
RPT51X-100-50-5	100	DC - 8.0GHz	1.25:1	
RPT800-40-50-5	40	DC - 4.0GHz	1.25:1	<p>FIGURE 4</p>
RPT800-100-50-5	100	DC - 6.0GHz	1.3:1	
RPT820-150-50-5	150	DC - 1.5GHz	1.2:1 (DC - 1.0GHz) 1.35:1 (1.0GHz - 1.5GHz)	<p>FIGURE 5</p>

Dimensions are in inches [mm]

Tolerance: .XXX = ± 0.010

.XX = ± 0.015

P.O. BOX 18802, Clearwater, FL 33762

1-800-526-0704

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RES-NET MICROWAVE

RES-NET PART #	INPUT POWER (WATTS AVG)	FREQUENCY RANGE	VSWR (MAX)	FIGURES
RPT975-250-50-5	250	DC - 3.0GHz	1.25:1	<p>FIGURE 6</p>
RPT1100-400-50-5	400	DC - 1.0GHz	1.25:1 (DC TO 500MHz) 1.35:1 (500 TO 1GHz)	<p>FIGURE 7</p>
RPT1100-500-50-5	500	DC - 2GHz	1.1:1 (DC - 1.0GHz) 1.2:1 (1.0GHz - 2.0GHz)	<p>FIGURE 8</p>
RPT1250-500-50-5	500	DC - 2GHz	1.1:1 (DC - 1.0GHz) 1.2:1 (1.0GHz - 2.0GHz)	<p>FIGURE 9</p>
RPT1900-800-50-5	800	DC - 1GHz	1.2:1	<p>FIGURE 10</p>

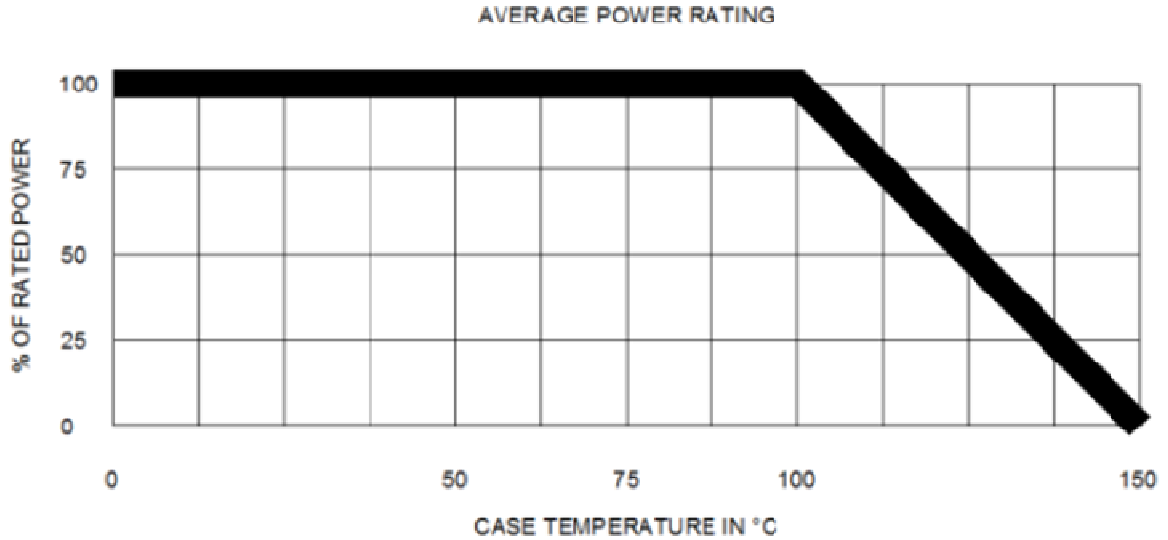
Dimensions are in inches [mm]

Tolerance: .XXX = ±0.010 P.O. BOX 18802, Clearwater, FL 33762
.XX = ±0.015 1-800-526-0704

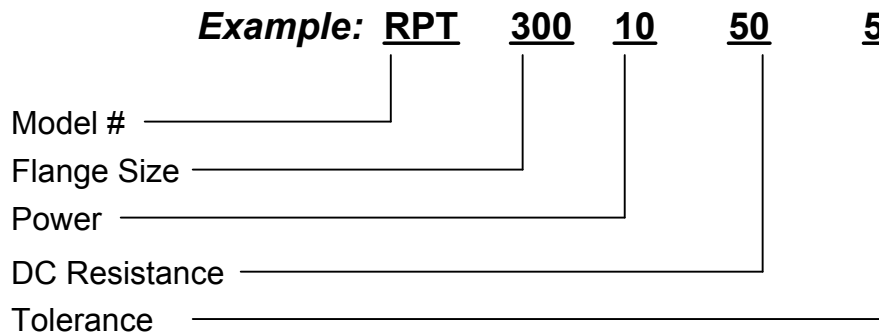
POWER FLANGE TERMINATIONS

RES-NET MICROWAVE

Power De-Rating Curve



Ordering Information:



P.O. BOX 18802, Clearwater, FL 33762
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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

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Microwave Products

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- RF/Microwave Resistors, Attenuators, Terminations

Wavetronix Corp.
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www.wavetronix-eti.com

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Resistive Products

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- Wirewound and Metal Film Resistors

Vamistor
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- Carbon Film and RL 42 Resistors

Magnetics Products

Hytronics Corp.
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