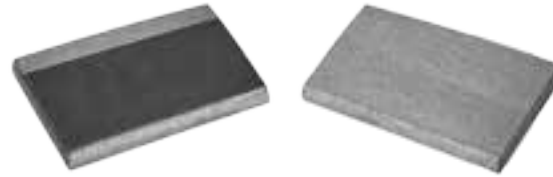


HIGH POWER CHIP TERMINATIONS STYLE T



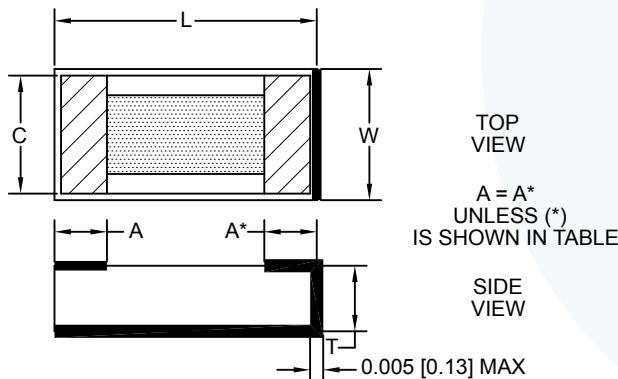
General Specifications

Substrate: Beryllium Oxide or Aluminum Nitride
Resistive Film: Thick Film
Terminals: Silver
Reliability: MIL-PRF-55342

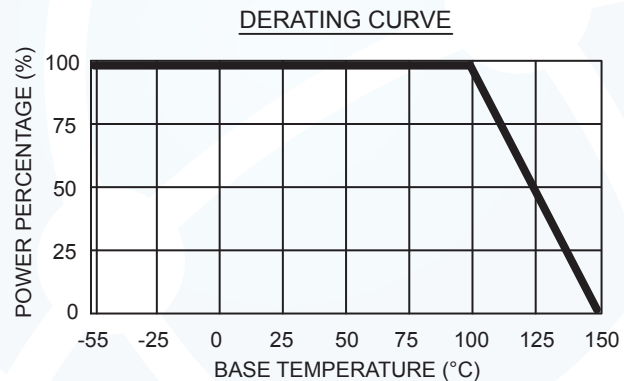


Beryllium Oxide Part Number	W (±0.010)	L (±0.010)	T (±0.005)	C (±0.005)	A	Power (W)	Frequency (GHz)	VSWR (max)
RPC50-50-T50-X	0.050 [1.27]	0.050 [1.27]	0.010 [0.25]	0.045 [1.14]	0.012 [0.03]	8	DC – 4.0	1.25:1
RPC50-100-T50-X	0.050 [1.27]	0.100 [2.54]	0.010 [0.25]	0.045 [1.14]	0.017 [0.43]	15	DC – 4.0	1.25:1
RPC75-150-T50-X	0.075 [1.10]	0.150 [3.81]	0.010 [0.25]	0.070 [1.78]	0.040 [1.02]	30	DC – 6.0	1.25:1
RPC100-200-4T50-X	0.100 [2.54]	0.200 [5.08]	0.040 [1.02]	0.090 [2.29]	0.060 [1.52]	40	DC – 6.0	1.25:1
RPC230-350-4T50-X	0.230 [5.84]	0.350 [8.89]	0.040 [1.02]	0.220 [5.59]	0.050 [0.03]	150	DC – 4.0	1.25:1
RPC250-250-4T50-X	0.250 [6.35]	0.250 [6.35]	0.040 [1.02]	0.240 [6.10]	0.060 [1.52]	175	DC – 2.0	1.35:1
RPC250-250-6T50-X	0.250 [6.35]	0.250 [6.35]	0.060 [1.52]	0.240 [6.10]	0.060 [1.52]	100	DC – 2.0	1.35:1
RPC250-375-4T50-X	0.250 [6.35]	0.375 [9.53]	0.040 [1.02]	0.240 [6.10]	0.050 [1.27] *0.030 [0.76]	200	DC – 2.0	1.25:1
RPC250-375-1T50-X	0.250 [6.35]	0.375 [9.53]	0.135 [3.43]	0.240 [6.10]	0.060 [1.52]	75	DC – 1.5	1.35:1
RPC375-375-4T50-X	0.375 [9.53]	0.375 [9.53]	0.040 [1.02]	0.365 [9.27]	0.050 [1.27]	250	DC – 2.0	1.2:1
RPC500-500-4T50-X	0.500 [12.7]	0.500 [12.7]	0.040 [1.02]	0.490 [12.45]	0.040 [1.02]	500	DC – 1.0	1.2:1

Aluminum Nitride Part Number	W (±0.010)	L (±0.010)	T (±0.005)	C (±0.005)	A	Power (W)	Frequency (GHz)	VSWR (max)
RPC50-100-2NT50-X	0.050 [1.27]	0.100 [2.54]	0.025 [0.64]	0.045 [1.14]	0.020 [0.51]	8	DC – 4.0	1.25:1
RPC60-120-2NT50-X	0.060 [1.52]	0.120 [3.05]	0.025 [0.64]	0.055 [1.40]	0.020 [0.51]	10	DC – 4.0	1.25:1
RPC100-200-4NT50-X	0.100 [2.54]	0.200 [5.08]	0.040 [1.02]	0.090 [2.29]	0.135 [3.43] *0.020 [0.51]	30	DC – 6.0	1.25:1
RPC250-250-4NT50-X	0.245 [6.22]	0.245 [6.22]	0.040 [1.02]	0.130 [3.30]	0.135 [3.43] *0.020 [0.51]	75	DC – 3.0	1.25:1
RPC250-375-4NT50-X	0.250 [6.35]	0.375 [9.53]	0.040 [1.02]	0.198 [5.03]	0.050 [1.27] *0.025 [0.64]	125	DC – 2.0	1.25:1



Dimensions are in inches [mm]
Tolerance: .XXX = ±0.010, .XX = ±0.015

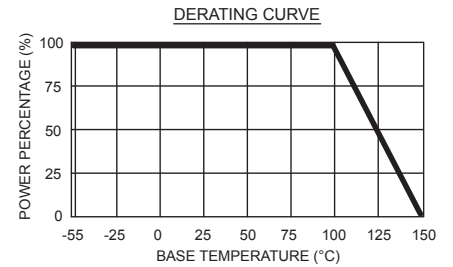
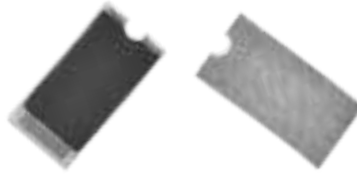


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General Specifications

Substrate: Alumina
Resistive Film: Thick Film
Terminals: Silver
Reliability: MIL-PRF-55342



Part Number	Impedance (Ohms)	Tolerance	Frequency (GHz)	VSWR (max)	Temperature Range	Power (W)
RPC4020-10AT50-5	50	±5%	DC-20	1.35:1	0° to +125°C	1
RPC8050-15AT50-5	50	±5%	DC-12	1.50:1	0° to +125°C	2
RPC100200-2AT50-5	50	±5%	DC-6	1.25:1	0° to +125°C	20

