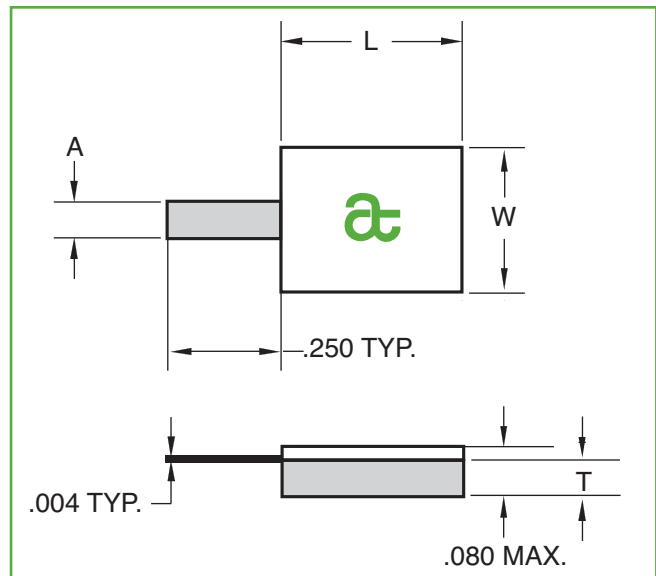


Leaded Chip Terminations

Style LT

General Specifications

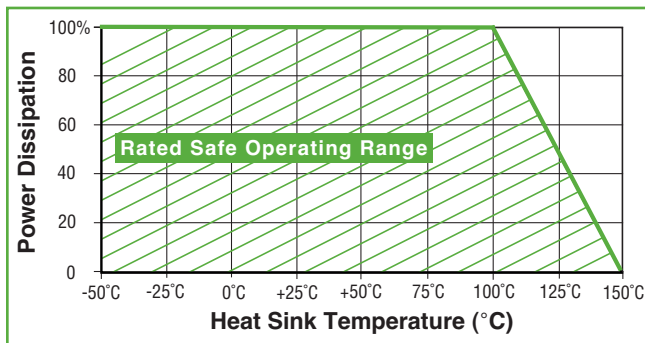
- Nominal Impedence: 50 Ω
- Resistive Tolerance: $\pm 5\%$ standard, $\pm 2\%$ available
- Operating Temp Range: -55 to +150°C
- Temperature Coefficient: ± 150 ppm/°C
- Resistive Elements: Tantalum, Thin Film Processed
- Substrate Material: Aluminum Nitride
- Terminals: Silver over Nickel
- Lead-Free, RoHS Compliant
- Reliability: MIL-PRF-55342
- Tape and Reel Specifications: See Page 37 of Full Resistive Product Catalog



ATC Part Number	W $\pm .010$	L $\pm .010$	T $\pm .005$	A $\pm .005$	Frequency (GHz)	VSWR (Typ.)	Power Max* (Watts)
LT11020T0050J	.200	.100	.025	.040	DC to 18.0	1.25:1	20W
LT12010T0050J	.100	.200	.040	.040	DC to 4.0	1.20:1	30W
LT12525T0050J	.245	.245	.040	.040	DC to 4.0	1.15:1	60W
LT12525T0050J01	.245	.245	.040	.040	DC to 2.5	1.15:1	100W
LT12525T0050J02	.245	.245	.040	.040	DC to 4.0	1.20:1	100W
LT12335T0050J	.350	.230	.040	.040	DC to 4.0	1.15:1	100W
LT13725T0050J	.250	.375	.040	.040	DC to 4.0	1.20:1	125W
LT13725T0050J01	.250	.375	.040	.040	DC to 1.1	1.20:1	150W
LT13725T0050J02	.250	.375	.040	.040	DC to 4.0	1.25:1	150W
LT13725T0050J03	.250	.375	.040	.120	DC to 4.0	1.25:1	150W
LT13737T0050J	.370	.370	.040	.040	DC to 2.0	1.25:1	200W
LT13737T0050J01	.370	.370	.040	.040	DC to 1.0	1.20:1	250W
LT13737T0050J02	.370	.370	.040	.040	DC to 2.0	1.25:1	250W
LT13737T0050J03	.370	.370	.040	.120	DC to 2.0	1.25:1	250W

* Test Condition: Chip soldered to a large copper carrier whose surface is at 100°C; maximum rated power applied.
 Specification: The resistance of the film shall change no more than <2% during and after a 1000-hr. Burn-in per MIL-PRF-55342.

Power Derating



ATC Part Number Code

LT1 2010 T 0100 J BK

Case Style ———— Packaging
 Case Size ———— BK - Plastic Carrier
 Termination ———— Tolerance
 Value

Resistive Tolerances		
Code	G (%)	J (%)
Tol.	± 2	± 5

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