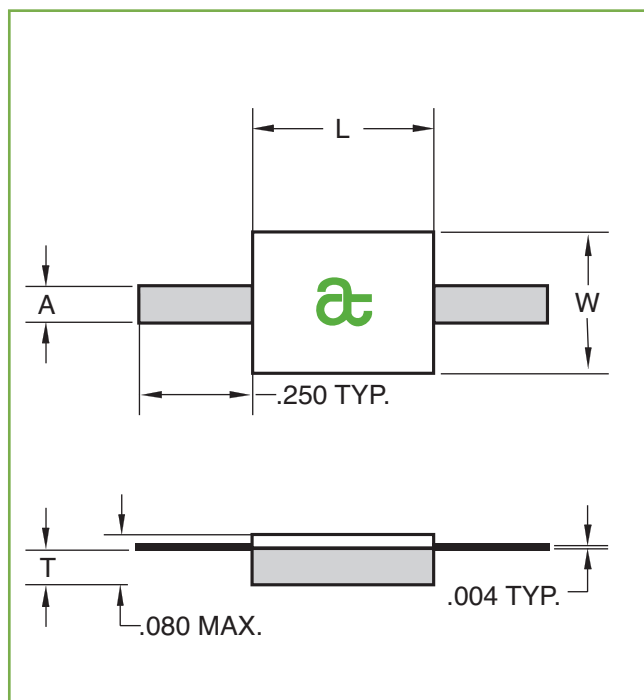


Leaded Chip Resistors

Style LR1

General Specifications

- **Resistance:** 100 Ω standard, (other Ω values available)
- **Resistive Tolerance:** $\pm 5\%$ standard (2% Available)
- **Operating Temp. Range:** -55°C to $+150^{\circ}\text{C}$
- **Temperature Coefficient:** <150 ppm/ $^{\circ}\text{C}$
- **Resistive Elements:** Proprietary Thin Film
- **Substrate Material:** Aluminum Nitride
- **Lead Terminals:** Silver
- **Cover:** Alumina
- **Lead-Free, RoHS Compliant**
- **Reliability:** MIL-PRF-55342
- **Non-Magnetic**



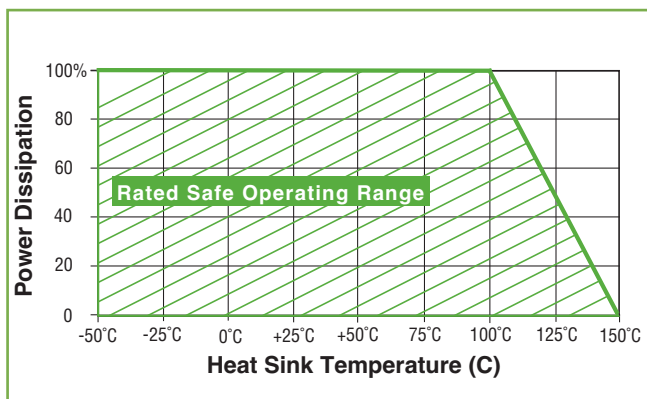
ATC Part Number*	W $\pm .010$	L $\pm .010$	T $\pm .005$	A	Capacitance (pF)	Power Max** (Watts)
LR12010TxxxxJ	.100	.200	.040	.040	1.0	30W
LR12335TxxxxJ	.350	.230	.040	.040	3.15	50W
LR12525TxxxxJ	.245	.245	.040	.040	2.0	60W
LR12335TxxxxJ01	.350	.230	.040	.040	3.15	100W
LR13725TxxxxJ	.250	.375	.040	.040	4.15	150W
LR13725TxxxxJ01	.250	.375	.040	.120	4.15	150W
LR13737TxxxxJ	.370	.370	.040	.040	6.0	250W
LR13737TxxxxJ01	.370	.370	.040	.120	6.0	250W

* xxxx denotes Ohm value.

** 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 0.5% during and after a 1000-hr. Burn-in per MIL-PRF-55342

Power Derating



ATC Part Number Code

LR1	2010	T	xxxx	J	BK
Case Style	Case Size	Termination			Packaging BK - Plastic Carrier
					Tolerance See table below.
					Value

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

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