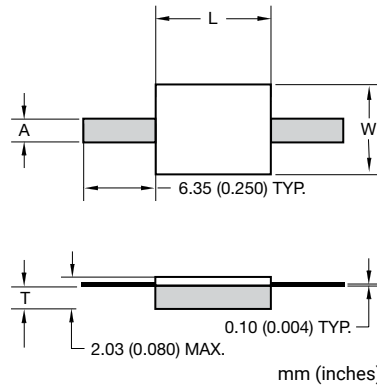


High Power Resistive Products

Leaded Chip Resistors – LR1 Style

GENERAL SPECIFICATIONS

- **Resistance:** 50 and 100 Ω standard (contact factory for custom resistance values)
- **Resistive Tolerance:** ±5% standard (2% available)
- **Operating Temp. Range:** -55°C to +150°C
- **Temperature Coefficient:** <150 ppm/°C
- **Resistive Elements:** Proprietary Thin Film
- **Substrate Material:** Aluminum Nitride
- **Lead Terminals:** Silver
- **Cover:** Alumina
- **RoHS Compliant**
- **Non-Magnetic**



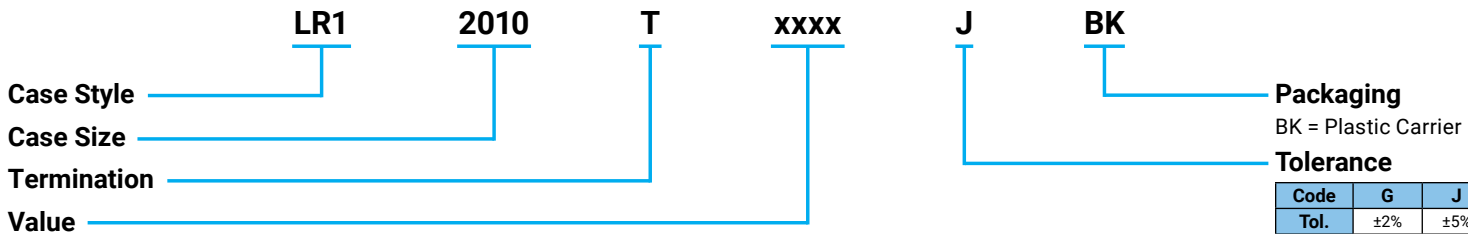
AVX Part Number*	W ± .010	L ± .010	T ± .005	A	Capacitance (pF)	Power Max** (Watts)
LR12010TxxxxJ	.100	.200	.040	.040	1.0	30W
LR12335TxxxxJ	.350	.230	.040	.040	3.15	50W
LR12525TxxxxJ	.245	.245	.040	.040	2.0	60W
LR12335TxxxxJ01	.350	.230	.040	.040	3.15	100W
LR13725TxxxxJ	.250	.375	.040	.040	4.15	150W
LR13725TxxxxJ01	.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

HOW TO ORDER



POWER DERATING

