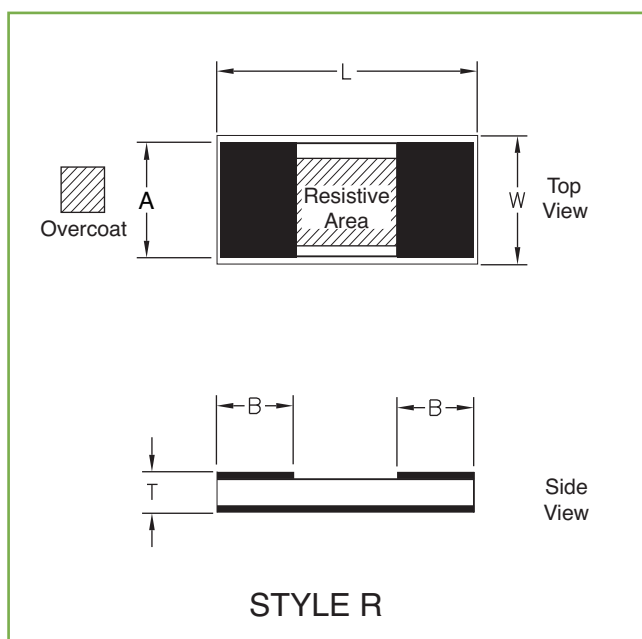


Chip Resistors

Style CR1

General Specifications

- **Resistance:** 100 Ω standard, (other Ω values available)
- **Resistive Tolerance:** $\pm 5\%$ standard (2% Available)
- **Operating Temp Range:** -55 to +150°C
- **Temperature Coefficient:** <150 ppm/°C
- **Resistive Elements:** Proprietary Thin Film
- **Substrate Material:** Aluminum Nitride
- **Terminals:** Silver
- **Lead-Free, RoHS Compliant**
- **Reliability:** MIL-PRF-55342
- **Non-Magnetic**
- **Tape and Reel Specifications:**
See Page 39 of the full Resistive Products Catalog

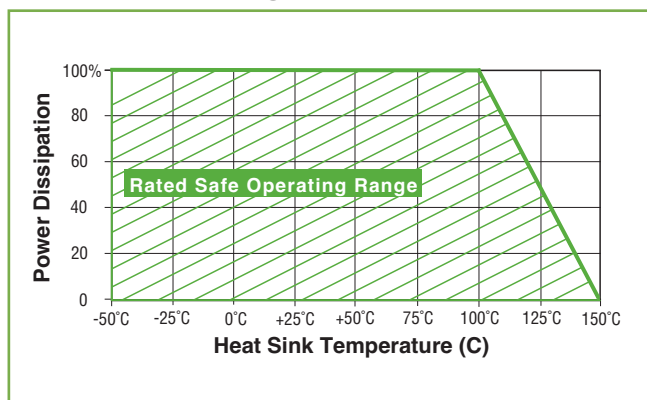


ATC Part Number*	W $\pm .010$	L $\pm .010$	T $\pm .005$	A $\pm .005$	B (Typ.)	Capacitance (pF)	Power Max** (Watts)
CR11005TxxxxJ	.050	.100	.025	.045	.020	.75	5W
CR11206TxxxxJ	.060	.120	.025	.055	.020	.90	15W
CR12010TxxxxJ	.100	.200	.040	.090	.020	1.0	30W
CR12525TxxxxJ	.245	.245	.040	.130	.020	2.0	60W
CR12525TxxxxJ01	.245	.245	.040	.130	.020	2.0	100W
CR13725TxxxxJ	.250	.375	.040	.198	.025	4.15	150W
CR13737TxxxxJ	.370	.370	.040	.330	.025	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

CR1 2010 T xxxx J TR					
Case Style	_____	_____	_____	_____	Packaging
Case Size	_____	_____	_____	_____	TR - Tape & Reel (Standard)
Termination	_____	_____	_____	_____	BK - Plastic Carrier
Value	_____	_____	_____	_____	TU* (Optional)
100 Ω = 0100					Tolerance
50 Ω = 0050					See table below.
Resistive Tolerances					
Code	G (%)	J (%)			
Tol.	± 2	± 5			

*Chip is reversed upside-down in tape cavity

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