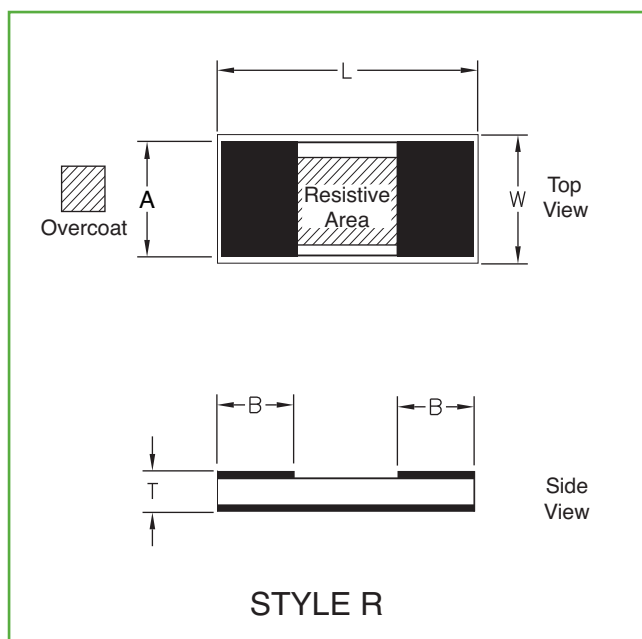


Chip Resistors

Style CR

General Specifications

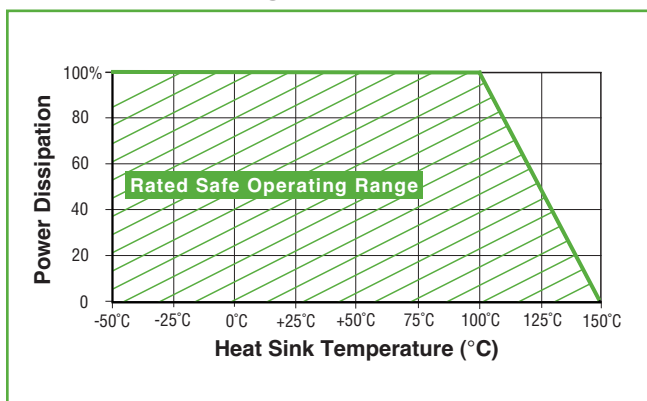
- **Resistance:** 50 and 100 Ω standard (10 Ω - 200 Ω available)
- **Resistive Tolerance:** $\pm 5\%$ standard (2% Available)
- **Operating Temp Range:** -55 to +150°C
- **Temperature Coefficient:** ± 150 ppm/°C
- **Resistive Elements:** Proprietary Thin Film
- **Substrate Material:** Aluminum Nitride
- **Terminals:** Silver
- **Lead-Free, RoHS Compliant**
- **Reliability:** MIL-PRF-55342
- **Non-Magnetic**
- **Tape and Reel Specifications:** See Page 26



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	.035	6.0	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 0.5% during and after a 1000-hr. Burn-in per Mil-PRF-55342.

Power Derating



ATC Part Number Code

CR1 2010 T 0100 J TR					
Case Style	CR1	Case Size	2010	Termination	T
					0100
					J
					TR
					Packaging
					TR - Tape & Reel
					BK - Plastic Carrier
					Tolerance
					See table below.
					Value
Resistive Tolerances					
Code	G (%)		J (%)		
Tol.	± 2		± 5		