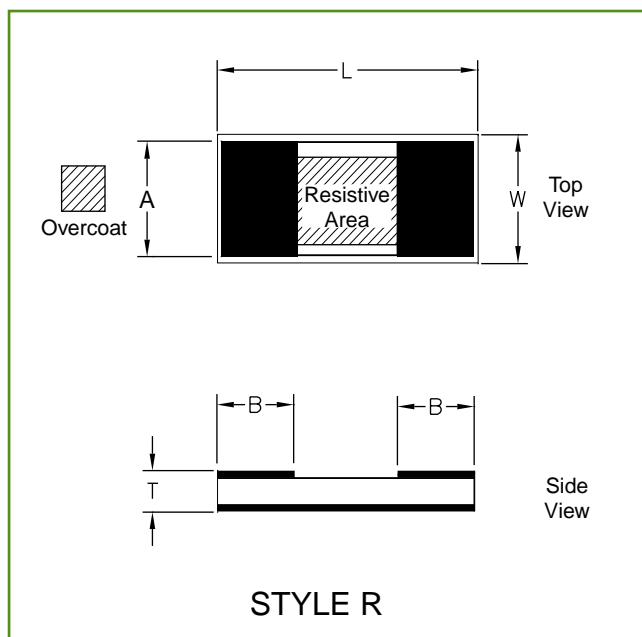


Chip Resistors

Style CR

General Specifications

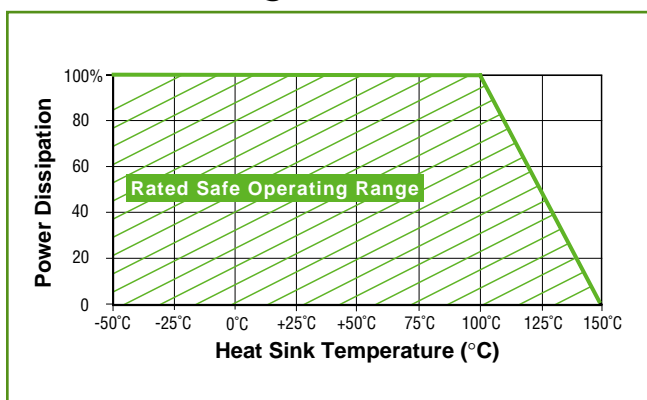
- **Resistance:** 50 and 100 Ω standard.
10 to 200 Ω available.
- **Resistive Tolerance:** $\pm 5\%$ Standard
(2% Available).
- **Operating Temp Range:** -55 to +150°C
- **Temperature Coefficient:** ± 150 ppm/°C
- **Resistive Elements:** Proprietary film.
- **Substrate Material:** Aluminum Nitride.
- **Terminals:** Silver
- **Reliability:** MIL-PRF-55342



ATC Part Number	W $\pm .010$	L $\pm .010$	T $\pm .005$	A $\pm .005$	B $\pm .005$	Capacitance (pF)	Power Max* (Watts)
CR11005T0100J	.050	.100	.025	.045	.020	.75	5
CR11206T0100J	.060	.120	.025	.055	.020	.90	15
CR12010T0100J	.100	.200	.040	.090	.020	1.0	30
CR12525T0100J	.245	.245	.040	.130	.020	2.0	60
CR13725T0100J	.250	.375	.040	.198	.020	4.15	150
CR13737T0100J	.370	.370	.040	.330	.020	6.0	250

* 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



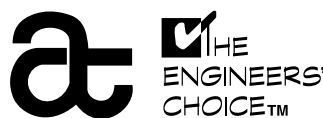
ATC Part Number Code

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

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AMERICAN TECHNICAL CERAMICS
COMPONENT AND CUSTOM INTEGRATED PACKAGING SOLUTIONS
FOR RF, MICROWAVE AND TELECOMMUNICATIONS

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