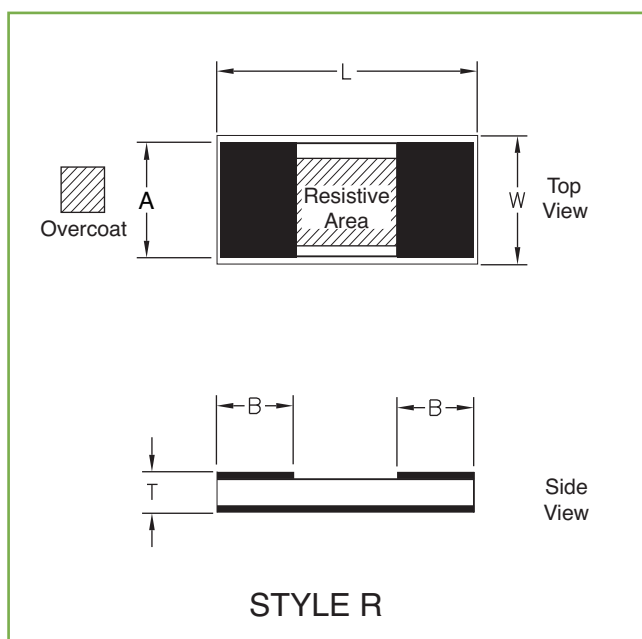


Chip Resistors

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

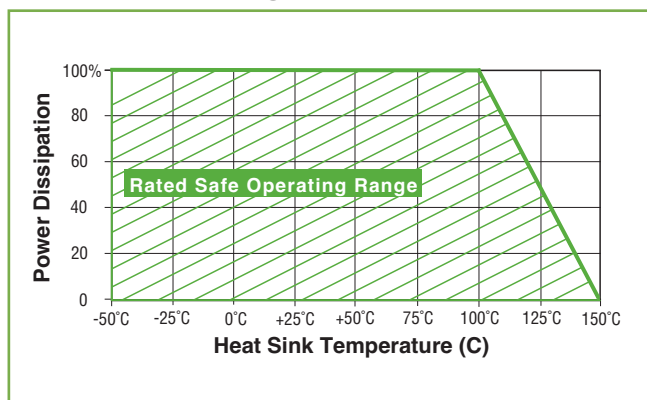


ATC Part Number*	W $\pm .010$	L $\pm .010$	T $\pm .005$	A $\pm .005$	B (Typ.)	Capacitance (pF)	Power Max** (Watts)
CR11005TxxxxJ	.050	.100	.025	.045	.020	.75	5W
CR11206TxxxxJ	.060	.120	.025	.055	.020	.90	15W
CR12010TxxxxJ	.100	.200	.040	.090	.020	1.0	30W
CR12525TxxxxJ	.245	.245	.040	.130	.020	2.0	60W
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 TR - Tape & Reel (Standard) BK - Plastic Carrier TU* (Optional) Tolerance See table below. *Chip is reversed upside-down in tape cavity									
Case Size	_____										
Termination	_____										
Value	_____										
100 Ω = 0100 50 Ω = 0050											
<table border="1"> <thead> <tr> <th colspan="3">Resistive Tolerances</th> </tr> <tr> <th>Code</th> <th>G (%)</th> <th>J (%)</th> </tr> </thead> <tbody> <tr> <td>Tol.</td> <td>± 2</td> <td>± 5</td> </tr> </tbody> </table>			Resistive Tolerances			Code	G (%)	J (%)	Tol.	± 2	± 5
Resistive Tolerances											
Code	G (%)	J (%)									
Tol.	± 2	± 5									

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A M E R I C A N T E C H N I C A L C E R A M I C S

ATC North America
sales@atceramics.com

ATC Europe
sales@atceramics.com

ATC Asia
sales@atceramics-asia.com

www.atceramics.com

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