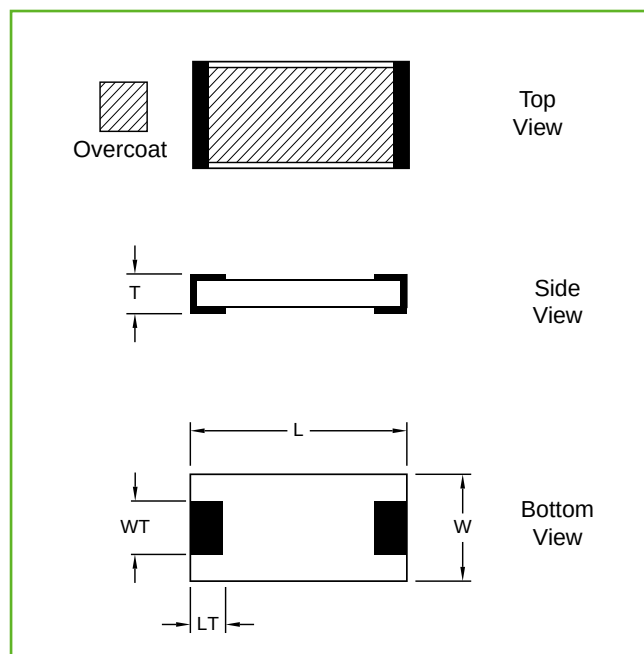


Surface Mount Chip Resistors

Style CW

General Specifications

- **Resistance:** 50 and 100 Ω standard.
- **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 over Nickel
- **Reliability:** MIL-PRF-55342

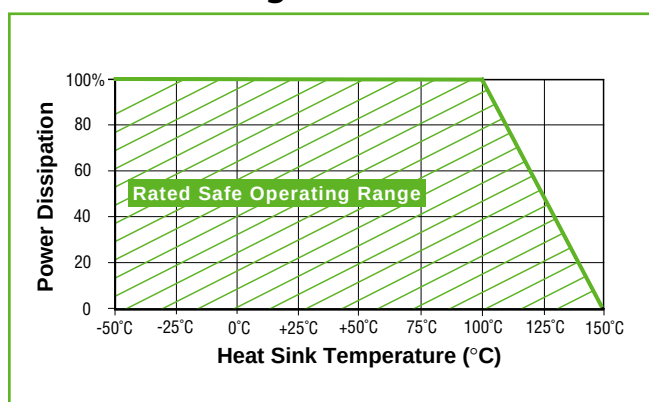


ATC Part Number	W $\pm .010$	L $\pm .010$	T $\pm .005$	WT $\pm .005$	LT $\pm .005$	Power Max* (Watts)
CW11005T0100G	.050	.100	.025	.045	.030	2
CW12010T0100G	.100	.200	.040	.090	.030	4
CW12525T0100G	.245	.245	.040	.120	.040	6
CW13725T0100G	.250	.375	.040	.120	.050	8
CW13737T0100G	.370	.370	.040	.360	.050	10

* Test Condition: Chip soldered to a via patch on a 30-mil-thick Rogers RO4350 board; Land surfaces 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



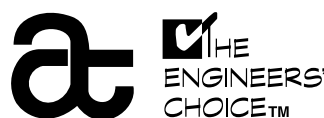
ATC Part Number Code

CW1 2010 T 0100 J TR		
Case Style	_____	Packaging
Case Size	_____	TR - Tape & Reel
Termination	_____	BK - Bulk
		Tolerance
		See table below.
		Value
Resistive Tolerances		
Code	G (%)	J (%)
Tol.	± 2	± 5

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