

01005 0201 0402 0603 0805(S) 1206(S) 1210 2010(S) 2512(S)

RoHS

KIT

Thick Film Nickel Barrier Wraparound Surface Mount Chip Resistors

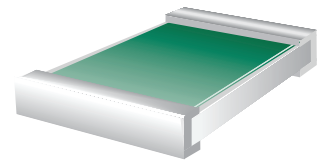


FEATURES

- High stability thick film resistor element
- 96% Al₂O₃ substrate material
- Trimmed to EIA standard values
- Glass passivation of resistor element

Part	Length	Width	Height (max)	Terminal	WVDC (max)	Rated Power @ 70°C
RCI-01005	0.016 ± .001	0.008 ± .001	0.006 ± .001	0.004 ± .001	15	30mW
RCI-0201	0.024 ± .002	0.012 ± .002	0.012	0.006 ± .002	25	50mW
RCI-0402	0.039 ± .002	0.020 ± .004	0.016	0.010 ± .004	50	63mW
RCI-0603	0.063 ± .006	0.031 ± .006	0.022	0.012 ± .004	50	100mW
RCI-0805(S)	0.079 ± .008	0.049 ± .004	0.026	0.016 ± .008	150	175mW (350mW)
RLI-0805	0.079 ± .006	0.049 ± .004	0.028	0.016 ± .008	150	125mW
RCI-1206(S)	0.126 ± .008	0.063 ± .006	0.028	0.020 ± .010	200	250mW (500mW)
RLI-1206	0.122 ± .008	0.063 ± .006	0.028	0.012 ± .008	200	500mW
RLI-1210	0.122 ± .002	0.098 ± .006	0.028	0.012 ± .008	200	500mW
RCI-2010(S)	0.197 ± .008	0.098 ± .006	0.028	0.020 ± .012	350	750 mW (1W)
RCI-2512(S)	0.248 ± .008	0.126 ± .010	0.028	0.026 ± .010	350	1W (2W)

Terminal Styles



WA - Full Wraparound Nickel barrier layer
100% matte tin finish

ORDERING INFORMATION

Example: 100Ω, 5%, 175 mW, 0805 resistor

RCI - 0805 - 1000 J

RCI (Standard)
RLI (Low Ohm)
RTI (Untrimmed U Tol. only)

Tolerances

F - 1% G - 2%
J - 5% U - +0/-30

Part

0201 0402 0603
0805(T) 1210 1206(T)
1206(S) 2010(S) 01005
2010(T) 2512(T) 2512(S)

Resistance Value

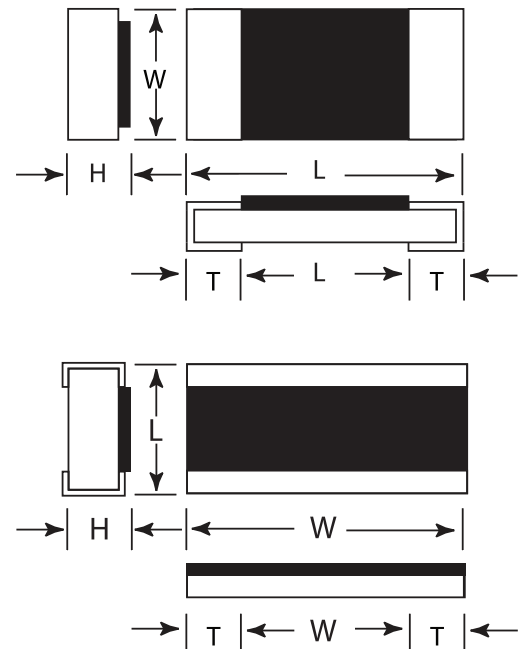
The first three digits are significant values.
The fourth is the number of zeroes following.
The R indicates a decimal point when resistance value is less than 100Ω. For jumper use code JUMPR.

"T" indicates custom value trim

Packaging: B=Bulk, T=Tape and Reel
RoHS Compliant =

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*RCI-0612