

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

RoHS

KIT

Thick Film Nickel Barrier Wraparound Surface Mount Chip Resistors

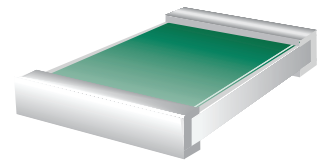


FEATURES

- 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	100mW
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)

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

Tolerances

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

Resistance Value

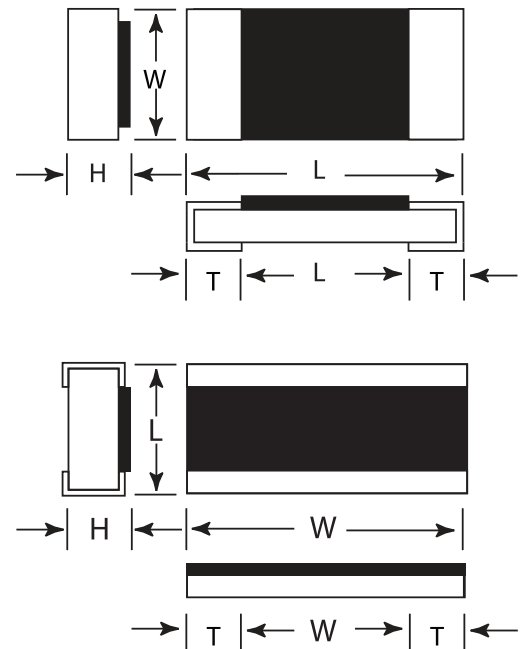
The first three digits are significant values.
The fourth is the number of zeroes following.
The R indicates a decimal point when resistance value is less than 100Ω. For jumper use code JUMPR.

"T" indicates custom value trim

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

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*RCI-0612