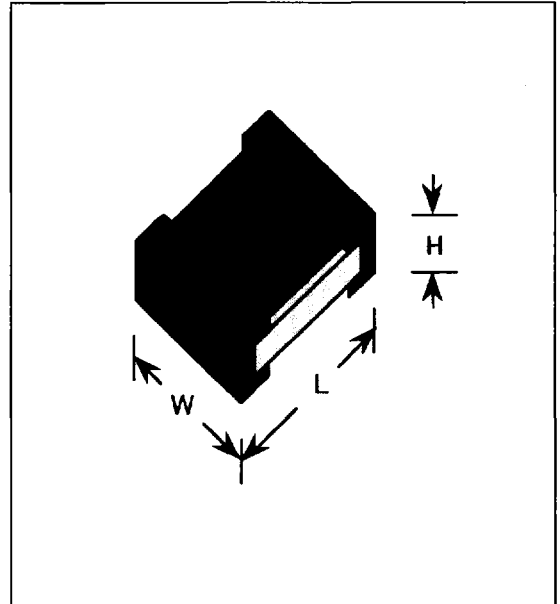


# Miniature Wraparound Surface Mount CHIP RESISTORS

## FEATURES

- Miniature thick film surface mount chip resistor **FOR EPOXY** and solder attachment
- 96% Alumina substrate
- Wraparound Platinum Silver (PtAg) terminations for epoxy attachment in 0402, 0504, 0603, and 0805 sizes
- Wraparound Platinum Silver (PtAg) terminations with 62/36/2 solder coating for superior solder attachment in 0402 and 0504 sizes
- Standard values available from stock



DIMENSIONS	RC3-0402 RCC-0402	RC3-0504 RCC-0504	RC3-0603	RC3-0805
Length	0.040" ± 0.005"	0.050" ± 0.005"	0.060" ± 0.005"	0.080" ± 0.005"
Width	0.020" ± 0.005"	0.040" ± 0.005"	0.030" ± 0.005"	0.050" ± 0.005"
Height	0.020" max.	0.020" max.	0.020" max.	0.020" max.
Back Terminal Width	0.008" ± 0.004"	0.015" ± 0.006"	0.014" ± 0.006"	0.018" ± 0.008"

SPECIFICATIONS	RC3-0402 RCC-0402	RC3-0504 RCC-0504	RC3-0603	RC3-0805
Operating Temperature	-55°C +150°C	-55°C +150°C	-55°C +150°C	-55°C +150°C
Maximum Working Voltage	50V	50V	50V	150V
Rated Power at 70°C ambient	80mW	125mW	100mW	175mW
Resistance Range	10Ω to 25MΩ	10Ω to 25MΩ	10Ω to 25MΩ	10Ω to 25MΩ
Resistance Tolerances	5%, 10%	1%, 2%, 5%, 10%	1%, 2%, 5%, 10%	1%, 2%, 5%, 10%
Temperature Coefficient of Resistance (TCR) typical	250 ppm/°C	250 ppm/°C	200 ppm/°C	100 ppm/°C

SEE ADDITIONAL LITERATURE FOR WRAPAROUND AND SINGLE-SIDED TERMINATION CHIP RESISTORS: THIN FILM, SUBMINIATURE, MINIATURE, LOW OHM, GIGOHM, POWER AND ENGINEERING KITS

## International Manufacturing Services, Inc.

50 Schoolhouse Lane • Portsmouth, R. I. 02871-2418 / Tel: (401) 683-9700 • Fax: (401) 683-5571

### ORDERING INFORMATION

For ordering 0.050" x 0.040" size, PtAg terminations, 100 Ω 5% tolerance

**RC 3 - 0504 - 1000 J**

Product Code	Termination Material	IMS Part Number	Resistance Value	Tolerance (±%)	Packaging
RC = Wraparound	3 = PtAg C = PtAg with 62/36/2 solder coating	0402 0504 0603 0805	The first three digits are the significant figures and the 4th of zeroes. The letter R indicates decimal point.	F = 1 G = 2 J = 5 digit is the number	Blank = Bulk T = Tape & Reel K = 10

Made in USA

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