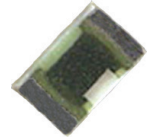


# Super RCX-Series

0402S 0603S 0805S 1206S 2010S 2512S

ULR RoHS Sn62 NON-MAG

Thick Film Wraparound Extended Power Surface Mount Chip Resistors for Epoxy and Solder Mount



## FEATURES

- The power handling of other resistors in the same size package
- High stability thick film resistor element
- 96% Al<sub>2</sub>O<sub>3</sub> substrate material
- Tolerances to ±1%
- Operating Temp. -55 to 150°C

## DIMENSIONS

Part	Length	Width	Height (max)	Terminal	WVDC (max)	Rated Power @ 70°C	Tolerance (%)
RCX-0402S	0.040 ± .005	0.020 ± .005	0.020	0.008 ± .004	50VDC	160mW	2, 5, 10
RCX-0603S	0.060 ± .005	0.030 ± .005	0.020	0.014 ± .006	50VDC	200mW	1, 2, 5, 10
RCX-0805S	0.080 ± .005	0.050 ± .005	0.020	0.018 ± .008	150VDC	350mW	1, 2, 5, 10
RCX-1206S	0.126 ± .008	0.063 ± .006	0.020	0.020 ± .010	200VDC	500mW	1, 2, 5, 10
RCX-2010S	0.197 ± .008	0.106 ± .008	0.028	0.020 ± .012	200VDC	1W	1, 2, 5, 10
RCX-2512S	0.248 ± .008	0.126 ± .010	0.028	0.026 ± .010	200VDC	2W	1, 2, 5, 10

Power handling can be extended further using proper thermal management. Consult factory for additional values, sizes and tolerances.

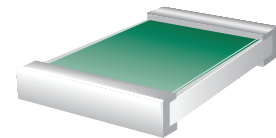
## TERMINATIONS

### Terminal Metallizations

Base Metal	No Solder Applied (PN Prefix)	Sn62 Solder Coat (PN Prefix)	Sn96 Solder Coat (PN Prefix)
Platinum Silver (PtAg)	RC3 - <input checked="" type="checkbox"/>	RCC	RCP - <input checked="" type="checkbox"/>
ULR Platinum Silver (PtAg)	RC8 - <input checked="" type="checkbox"/>	RCH	RCR - <input checked="" type="checkbox"/>

### Terminal Styles

WA - Full Wraparound



## ORDERING INFORMATION

Example: 100Ω, 5%, 0402, PtAg terminals, 160mW resistor

RC3 - 0402S - 1000 J

**Termination Material**

- 3 PtAg
- 8 ULR PtAg
- C PtAg w/ Sn62 Solder
- P PtAg w/ Sn96 Solder
- H ULR PtAg w/ Sn62 Solder
- R ULR PtAg w/ Sn96 Solder

**Tolerances**

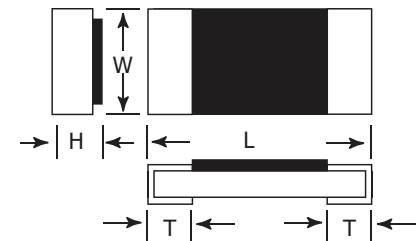
F - 1% J - 5%  
G - 2% K - 10%

**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.

**Part**

0402S	0603S	0805S
1206S	2010S	2512S



For packaging options please visit our website [www.ims-resistors.com/packaging](http://www.ims-resistors.com/packaging)

RoHS Compliant =

ULR = Ultra Leach Resistant

ULR RoHS Sn62 NON-MAG