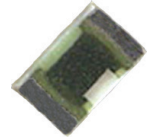


Super RCX-Series

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% Al₂O₃ 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.

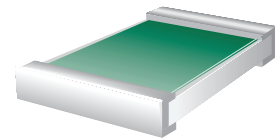
TERMINATIONS

Terminal Metallizations

Base Metal	No Solder Applied (PN Prefix)	Sn62 Solder Coat (PN Prefix)	Sn96 Solder Coat (PN Prefix)
Platinum Silver (PtAg)	RC3- ✓	RCC-	RCP- ✓
ULR Platinum Silver (PtAg)	RC8- ✓	RCH-	RCR- ✓

Terminal Styles

WA - Full Wraparound



ORDERING INFORMATION

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

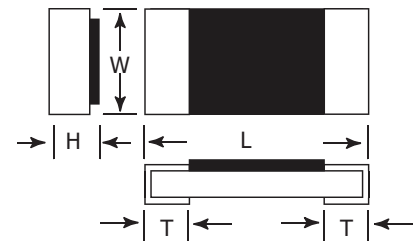
RC3 - **0402S** - **1000** **J**

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

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



Packaging: B=Bulk, T=Tape and Reel, W=Waffle Pack
 RoHS Compliant = ✓
 ULR = Ultra Leach Resistant

ULR RoHS Sn62 NON-MAG