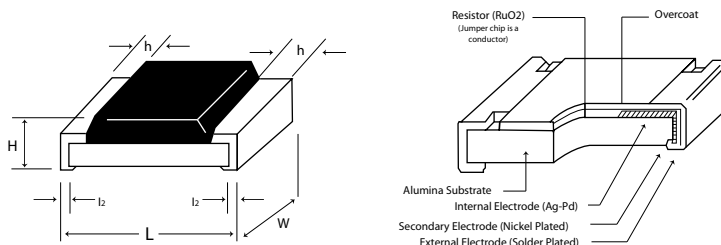


RC Series - Chip Resistor

RC Series: The RC Series has a highly reliable multilayer electrode construction and is highly stable in auto-placement surface mounting applications. Compatible with all soldering process. Barrier layer end termination.



SIZE CODE	L	W	H	I ₁	I ₂
RC0402	0.04±0.004 (1.00±0.10)	0.020±0.002 (0.50±0.05)	0.014±0.002 (0.35±0.05)	0.008±0.004 (0.20±0.10)	0.010±0.004 (0.25±0.10)
RC0603	0.063±0.004 (1.60±0.10)	0.033±0.004 (0.85±0.10)	0.018±0.002 (0.45±0.05)	0.012±0.008 (0.30±0.20)	0.012±0.008 (0.30±0.20)
RC0805	0.083±0.004 (2.10±0.10)	0.051±0.004 (1.30±0.10)	0.020±0.002 (0.50±0.05)	0.016±0.008 (0.40±0.20)	0.016±0.008 (0.40±0.20)
RC1206	0.122±0.004 (3.10±0.10)	0.063±0.004 (1.60±0.10)	0.022±0.002 (0.55±0.05)	0.020±0.010 (0.50±0.25)	0.020±0.010 (0.50±0.25)
RC1210	0.122±0.004 (3.10±0.10)	0.102±0.004 (2.60±0.10)	0.022±0.002 (0.55±0.05)	0.020±0.010 (0.50±0.25)	0.016±0.008 (0.40±0.20)
RC2010	0.197±0.004 (5.00±0.10)	0.098±0.004 (2.50±0.10)	0.022±0.002 (0.55±0.05)	0.024±0.010 (0.60±0.25)	0.016±0.008 (0.40±0.20)
RC2512	0.250±0.004 (6.35±0.10)	0.126±0.04 (3.20±0.10)	0.022±0.002 (0.55±0.05)	0.024±0.010 (0.60±0.25)	0.016±0.008 (0.40±0.20)

SIZE CODE	RC0402	RC0603	RC0805	RC1206	RC1210	RC2010	RC2512
Power Rating @ 70°C	1/16W	1/10W	1/8W	1/4W	1/3W	3/4W	1W
Operating Temp. Range Derated to 0 load at +125°C	-55°C to +125°C	-55°C to +155°C					
Maximum Working Voltage	25V	50V	150V	200V	200V	200V	200V
Maximum Overload Voltage	50V	100V	300V	400V	400V	400V	400V
Resistance Range							
1%, E-96	100Ω-100KΩ	10Ω-1MΩ	10Ω-1MΩ	10Ω-1MΩ	10Ω-1MΩ	10Ω-1MΩ	10Ω-1MΩ
5%, E-24	2Ω-5.6MΩ	1Ω-10MΩ	1Ω-10MΩ	1Ω-10MΩ	1Ω-10MΩ	1Ω-10MΩ	1Ω-10MΩ
Zero Ohm Jumper <0.05Ω							
Temperature Coefficient	±100ppm/°C						
	1Ω-10Ω: -200ppm/°C to +500ppm/°C; >1MΩ: ±200ppm/°C						

HOW TO ORDER

<u>RC</u> Series	<u>0603</u> Case Size	<u>F</u> Tolerance 5%=J 1%=F	<u>1002</u> Resistance Value 4 digits = 1% 3 digits = 5%	<u>T</u> Tape & Reel
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Note: Resistance value should be represented as follows:
1% first 3 digits are significant #'s and 4th is the multiplier.
5% first 2 digits are significant #'s and 3rd is the multiplier.