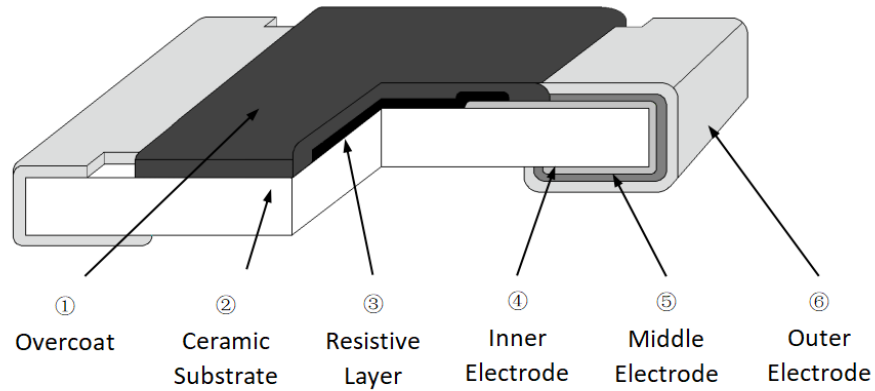


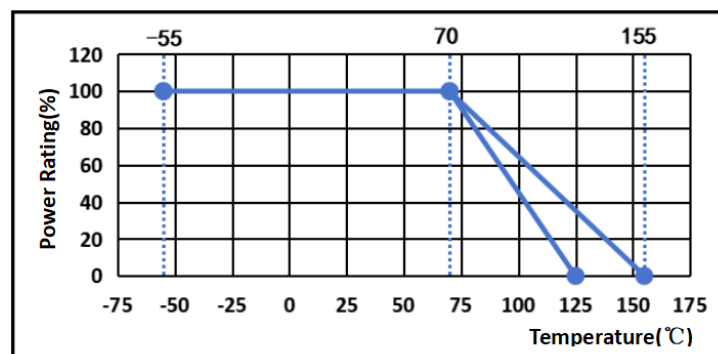
RC SERIES THICK FILM CHIP RESISTORS

CONSTRUCTION AND DIMENSIONS



Outlines	Type	Dimensions (mm)				
		L	W	T	a	b
	RC0402(01005)	0.40±0.02	0.20±0.02	0.13±0.02	0.10±0.03	0.10±0.03
	RC0603(0201)	0.60±0.05	0.30±0.05	0.23±0.03	0.10±0.05	0.15±0.05
	RC1005(0402)	1.00±0.10	0.50±0.10	0.35±0.10	0.20±0.10	0.25±0.10
	RC1608(0603)	1.60±0.10	0.80±0.10	0.45±0.10	0.25±0.15	0.30±0.15
	RC2012(0805)	2.00±0.10	1.25±0.10	0.50±0.10	0.30±0.15	0.35±0.20
	RC3216(1206)	3.10±0.15	1.60±0.15	0.55±0.10	0.45±0.25	0.45±0.25
	RC3225(1210)	3.10±0.15	2.60±0.15	0.55±0.15	0.50±0.25	0.50±0.25
	RC5025(2010)	5.00±0.15	2.50±0.15	0.55±0.15	0.60±0.25	0.60±0.25
	RC6332(2512)	6.30±0.15	3.10±0.15	0.55±0.15	0.60±0.25	0.60±0.25

POWER RATING AND DERATING



Rated Voltage: $E = \sqrt{K \times N}$ or max. working voltage whichever is lower

Where

E=Rated Voltage(V)

P=Rated Power(W)

R=Resistance Value(Ω)

Note: Working temperature range for RC0402 and RC0603 is -55 °C to +125 °C

SPECIFICATIONS

Type	Power Rating @70°C	Max.Working Voltage	Max.Over-Load Voltage	T.C.R (×10 ⁻⁶ /K)	Resistance Range(Ω)	Tolerance
RC0402 (01005)	1/32 W	15 V	30 V	-200~+600	1Ω≤R<10Ω	F: ±1% G: ±2% J: ±5%
				±300	10Ω≤R≤10MΩ	
RC0603 (0201)	1/20 W	25 V	50 V	-200~+500	1Ω≤R<10Ω	
				±200、±300	10Ω≤R≤10MΩ	
RC1005 (0402)	1/16 W	50 V	100 V	-200~+500	1Ω≤R<10Ω	B: ±0.1% C: ±0.25% D: ±0.5% F: ±1% G: ±2% J: ±5%
				±100、±300	10Ω≤R≤1MΩ	
				±100、±300	1MΩ<R≤10MΩ	
RC1608 (0603)	1/10 W	75 V	150 V	-200~+500	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤1MΩ	
				±100、±300	1MΩ<R≤10MΩ	
RC2012 (0805)	1/8 W	150 V	300 V	-200~+500	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤1MΩ	
				±100、±300	1MΩ<R≤10MΩ	
RC3216 (1206)	1/4 W	200 V	400 V	-200~+500	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤1MΩ	
				±100、±300	1MΩ<R≤10MΩ	
RC3225 (1210)	1/2 W	200 V	400 V	-200~+500	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤1MΩ	
				±100、±300	1MΩ<R≤10MΩ	
RC5025 (2010)	3/4 W	200 V	400 V	-200~+500	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤1MΩ	
				±100、±300	1MΩ<R≤10MΩ	
RC6332 (2512)	1 W	250 V	500 V	-200~+500	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤1MΩ	
				±100、±300	1MΩ<R≤10MΩ	

PART NUMBERING CODE

RC1608	K	1002	F	T
Series	T.C.R (×10-6/K)	Resistance	Tolerance	Packing
RC0402 RC0603 RC1005 RC1608 RC2012 RC3216 RC3225 RC5025 RC6332	K: ±100ppm/°C L: ±200ppm/°C M: ±300ppm/°C N: (-200~+500) ppm/°C U: (-200~+600) ppm/°C	E-24 series E-96 series	B: ±0.1% C: ±0.25% D: ±0.5% F: ±1% G: ±2% J: ±5%	B: Bulk T: Tape Reel