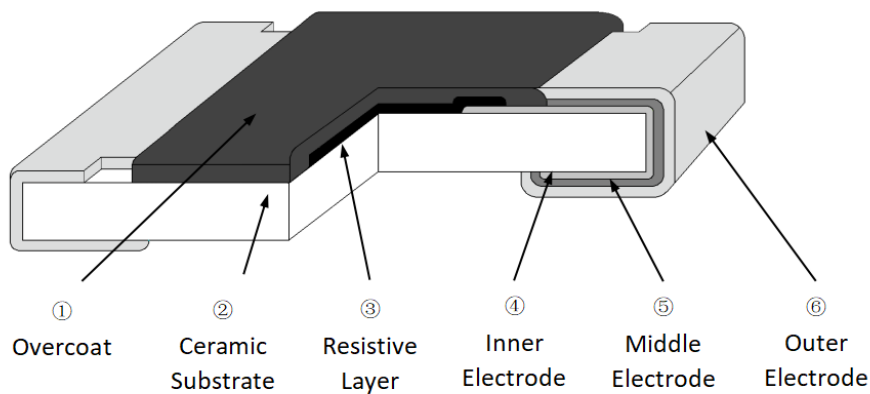


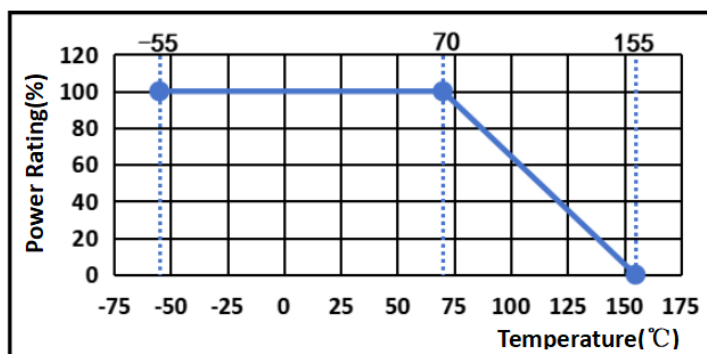
RC SERIES DOUBLE POWER THICK FILM CHIP RESISTORS

CONSTRUCTION AND DIMENSIONS



Outlines	Type	Dimensions (mm)				
		L	W	T	a	b
	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)

SPECIFICATIONS

Type	Power Rating @70°C	Max.Working Voltage	Max.Over-Load Voltage	T.C.R (×10 ⁻⁶ /K)	Resistance Range(Ω)	Tolerance
RC1005 (0402)	1/8W	50 V	100 V	-200~+500、±200	1Ω≤R<10Ω	F: ±1% J: ±5%
				±100、±300	10Ω≤R≤10MΩ	
RC1608 (0603)	1/5W	75 V	150 V	-200~+500、±200	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤10MΩ	
RC2012 (0805)	1/4W	150 V	300 V	-200~+500、±200	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤10MΩ	
RC3216 (1206)	1/2W	200 V	400 V	-200~+500、±200	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤10MΩ	
RC3225 (1210)	1W	200 V	400 V	-200~+500、±200	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤10MΩ	
RC5025 (2010)	1.25W	200 V	400 V	-200~+500、±200	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤10MΩ	
RC6332 (2512)	2W	250 V	500 V	-200~+500、±200	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤10MΩ	

PART NUMBERING CODE

RC1608	K	1002	F	T	W
Series	T.C.R (×10 ⁻⁶ /K)	Resistance	Tolerance	Packing	Double Power
RC1005 RC1608 RC2012 RC3216 RC3225 RC5025 RC6332	K: ±100ppm/°C L: ±200ppm/°C M: ±300ppm/°C N: (-200~+500) ppm/°C	E-24 series E-96 series	F: ±1% J: ±5%	B: Bulk T: Tape Reel	1005:1/8W 1608:1/5W 2012:1/4W 3216:1/2W 3225:1W 5025:1.25W 6332:2W