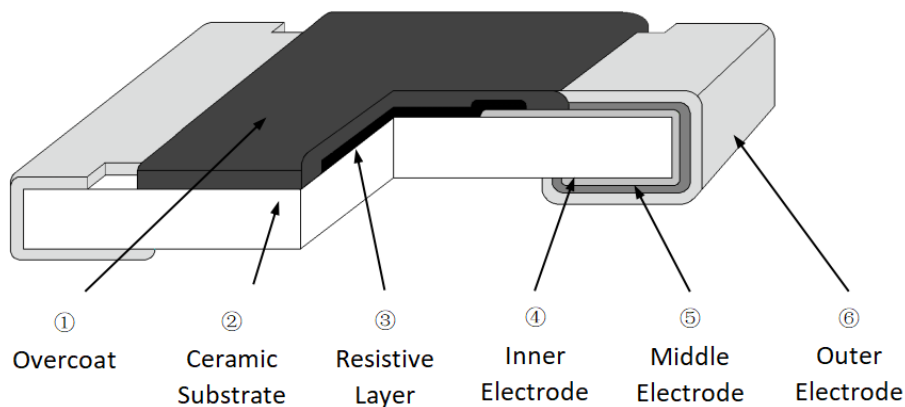


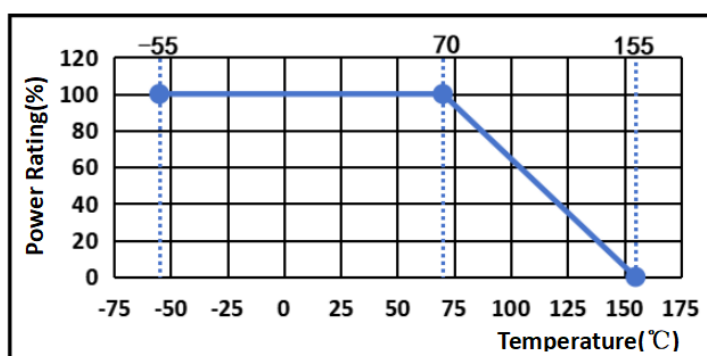
RHC SERIES HIGH RESISTANCE THICK FILM CHIP RESISTORS

CONSTRUCTION AND DIMENSIONS



Outlines	Type	Dimensions (mm)				
		L	W	T	a	b
	RHC1005(0402)	1.00±0.10	0.50±0.10	0.35±0.10	0.20±0.10	0.25±0.10
	RHC1608(0603)	1.60±0.10	0.80±0.10	0.45±0.10	0.25±0.15	0.30±0.15
	RHC2012(0805)	2.00±0.10	1.25±0.10	0.50±0.10	0.30±0.15	0.35±0.20
	RHC3216(1206)	3.10±0.15	1.60±0.15	0.55±0.10	0.45±0.25	0.45±0.25
	RHC3225(1210)	3.10±0.15	2.60±0.15	0.55±0.15	0.50±0.25	0.50±0.25
	RHC5025(2010)	5.00±0.15	2.50±0.15	0.55±0.15	0.60±0.25	0.60±0.25
	RHC6332(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
RHC1005 (0402)	1/16W	50 V	100 V	±200	11MΩ≤R≤50MΩ	R≤100MΩ: F: ±1% J: ±5% K: ±10% R>100MΩ: J: ±5% K: ±10%
				±300	50MΩ<R≤200MΩ	
RHC1608 (0603)	1/10W	75 V	150 V	±200	11MΩ≤R≤50MΩ	
				±300	50MΩ<R≤200MΩ	
				±700	200MΩ<R≤1GΩ	
RHC2012 (0805)	1/8W	150 V	300 V	±200	11MΩ≤R≤50MΩ	
				±300	50MΩ<R≤200MΩ	
				±700	200MΩ<R≤1GΩ	
RHC3216 (1206)	1/4W	200 V	400 V	±200	11MΩ≤R≤50MΩ	
				±300	50MΩ<R≤200MΩ	
				±700	200MΩ<R≤1GΩ	
RHC3225 (1210)	1/2W	200 V	400 V	±200	11MΩ≤R≤50MΩ	
				±300	50MΩ<R≤200MΩ	
				±700	200MΩ<R≤1GΩ	
RHC5025 (2010)	3/4W	200 V	400 V	±200	11MΩ≤R≤50MΩ	
				±300	50MΩ<R≤200MΩ	
				±700	200MΩ<R≤1GΩ	
RHC6332 (2512)	1W	250 V	500 V	±200	11MΩ≤R≤50MΩ	
				±300	50MΩ<R≤200MΩ	
				±700	200MΩ<R≤1GΩ	

PART NUMBERING CODE

RHC1608	T	108	J	T
Series	T.C.R ($\times 10^{-6}/K$)	Resistance	Tolerance	Packing
RHC1005 RHC1608 RHC2012 RHC3216 RHC3225 RHC5025 RHC6332	L: $\pm 200\text{ppm}/^{\circ}\text{C}$ M: $\pm 300\text{ppm}/^{\circ}\text{C}$ T: $\pm 700\text{ppm}/^{\circ}\text{C}$	E-24 series E-96 series	$R \leq 100M\Omega$: F: $\pm 1\%$ J: $\pm 5\%$ K: $\pm 10\%$ $R > 100M\Omega$: J: $\pm 5\%$ K: $\pm 10\%$	B: Bulk T: Tape Reel