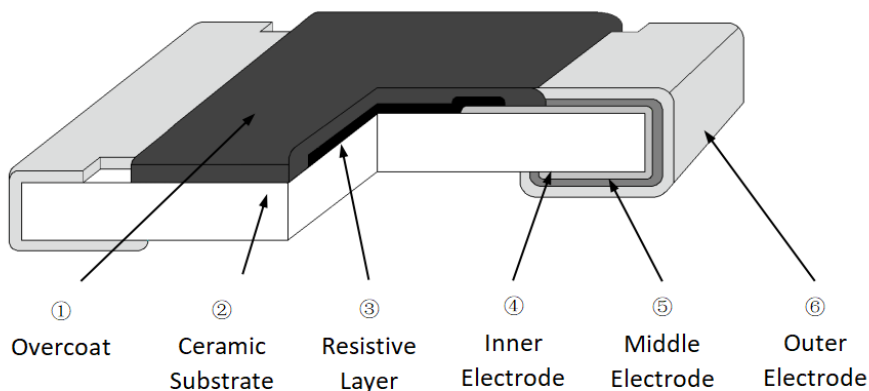


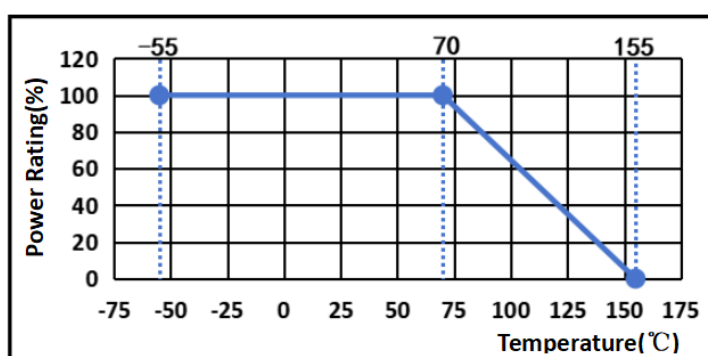
RS SERIES DTHICK FILM CHIP RESISTORS

CONSTRUCTION AND DIMENSIONS



Outlines	Type	Dimensions (mm)				
		L	W	T	a	b
	RS1005(0402)	1.00±0.10	0.50±0.10	0.35±0.10	0.20±0.10	0.25±0.10
	RS1608(0603)	1.60±0.10	0.80±0.10	0.45±0.10	0.25±0.15	0.30±0.15
	RS2012(0805)	2.00±0.10	1.25±0.10	0.50±0.10	0.30±0.15	0.35±0.20
	RS3216(1206)	3.10±0.15	1.60±0.15	0.55±0.10	0.45±0.25	0.45±0.25
	RS3225(1210)	3.10±0.15	2.60±0.15	0.55±0.15	0.50±0.25	0.50±0.25
	RS5025(2010)	5.00±0.15	2.50±0.15	0.55±0.15	0.60±0.25	0.60±0.25
	RS6332(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
RS1005 (0402)	Normal: 0.0625W W: 0.125W T: 0.2W	50 V	100 V	±200	1Ω≤R<10Ω	J: ±5% K: ±10% M: ±20%
				±100	10Ω≤R≤1MΩ	
RS1608 (0603)	Normal: 0.1W W: 0.2W T: 0.25W	75 V	150 V	±200	1Ω≤R<10Ω	
				±100	10Ω≤R≤1MΩ	
RS2012 (0805)	Normal: 0.125W W: 0.25W T: 0.4W	150 V	300 V	±200	1Ω≤R<10Ω	
				±100	10Ω≤R≤1MΩ	
RS3216 (1206)	Normal: 0.25W W: 0.5W T: 0.75W	200 V	400 V	±200	1Ω≤R<10Ω	
				±100	10Ω≤R≤1MΩ	
RS3225 (1210)	Normal: 0.5W W: 1W	200 V	400 V	±200	1Ω≤R<10Ω	
				±100	10Ω≤R≤1MΩ	
RS5025 (2010)	Normal: 0.75W W: 1.25W	200 V	400 V	±200	1Ω≤R<10Ω	
				±100	10Ω≤R≤1MΩ	
RS6332 (2512)	Normal: 1W W: 2W	250 V	500 V	±200	1Ω≤R<10Ω	
				±100	10Ω≤R≤1MΩ	