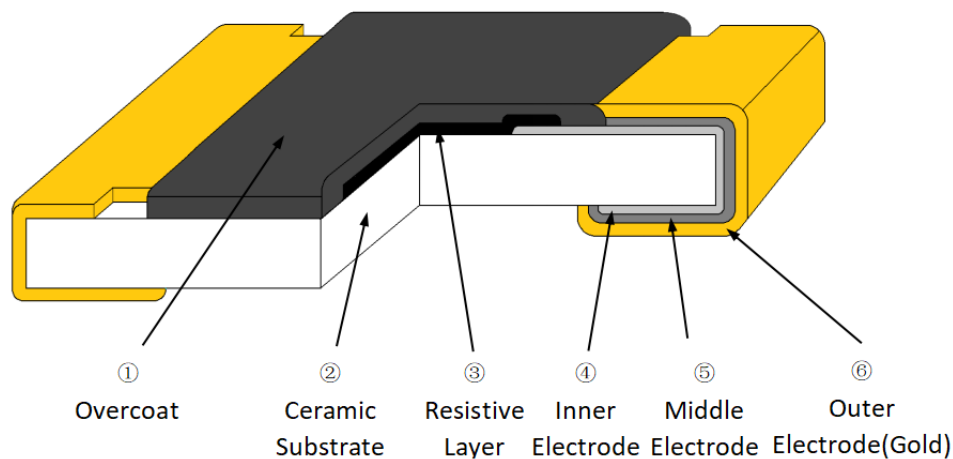


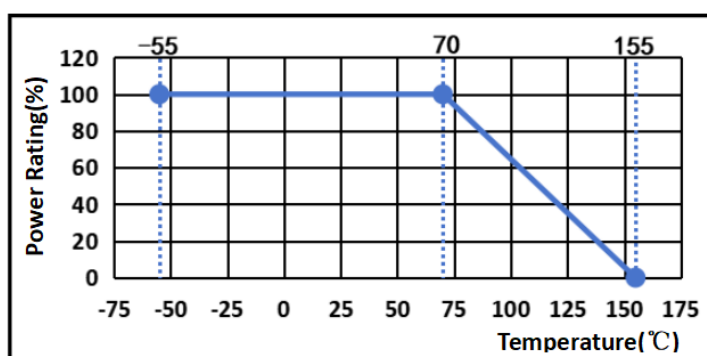
RG SERIES GOLD ELECTRODE (G TYPE) THICK FILM CHIP RESISTORS

CONSTRUCTION AND DIMENSIONS



Outlines	Type	Dimensions (mm)				
		L	W	T	a	b
	RG1005(0402)	1.00±0.10	0.50±0.10	0.35±0.10	0.20±0.10	0.25±0.10
	RG1608(0603)	1.60±0.10	0.80±0.10	0.45±0.10	0.30±0.15	0.30±0.15
	RG2012(0805)	2.00±0.10	1.25±0.10	0.55±0.10	0.40±0.20	0.40±0.20
	RG3216(1206)	3.10±0.10	1.60±0.15	0.55±0.10	0.50±0.25	0.50±0.25
	RG3225(1210)	3.10±0.15	2.60±0.15	0.55±0.15	0.50±0.25	0.50±0.25
	RG5025(2010)	5.00±0.15	2.50±0.15	0.55±0.15	0.60±0.25	0.60±0.25
	RG6332(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
RG1005 (0402)	1/16W	25V	50V	-200~+500	1Ω≤R<10Ω	F: ±1% J: ±5%
				±100、±300	10Ω≤R≤1MΩ	
				±300	1MΩ<R≤10MΩ	
RG1608 (0603)	1/10W	50V	100V	-200~+500	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤1MΩ	
				±300	1MΩ<R≤10MΩ	
RG2012 (0805)	1/8W	100V	200V	-200~+500	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤1MΩ	
				±300	1MΩ<R≤10MΩ	
RG3216 (1206)	1/4W	200V	400V	-200~+500	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤1MΩ	
				±300	1MΩ<R≤10MΩ	
RG3225 (1210)	1/2W	200V	400V	-200~+500	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤1MΩ	
				±300	1MΩ<R≤10MΩ	
RG5025 (2010)	3/4W	200V	400V	-200~+500	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤1MΩ	
				±300	1MΩ<R≤10MΩ	
RG6332 (2512)	1W	200V	400V	-200~+500	1Ω≤R<10Ω	
				±100、±300	10Ω≤R≤1MΩ	
				±300	1MΩ<R≤10MΩ	

PART NUMBERING CODE

RG1608	K	1002	F	T
Series	T.C.R (×10 ⁻⁶ /K)	Resistance	Tolerance	Packing
RG1005 RG1608 RG2012 RG3216 RG3225 RG5025 RG6332	K: ±100ppm/°C M: ±300ppm/°C N: (-200~+500) ppm/°C	E-24 series E-96 series	F: ±1% J: ±5%	B: Bulk T: Tape Reel