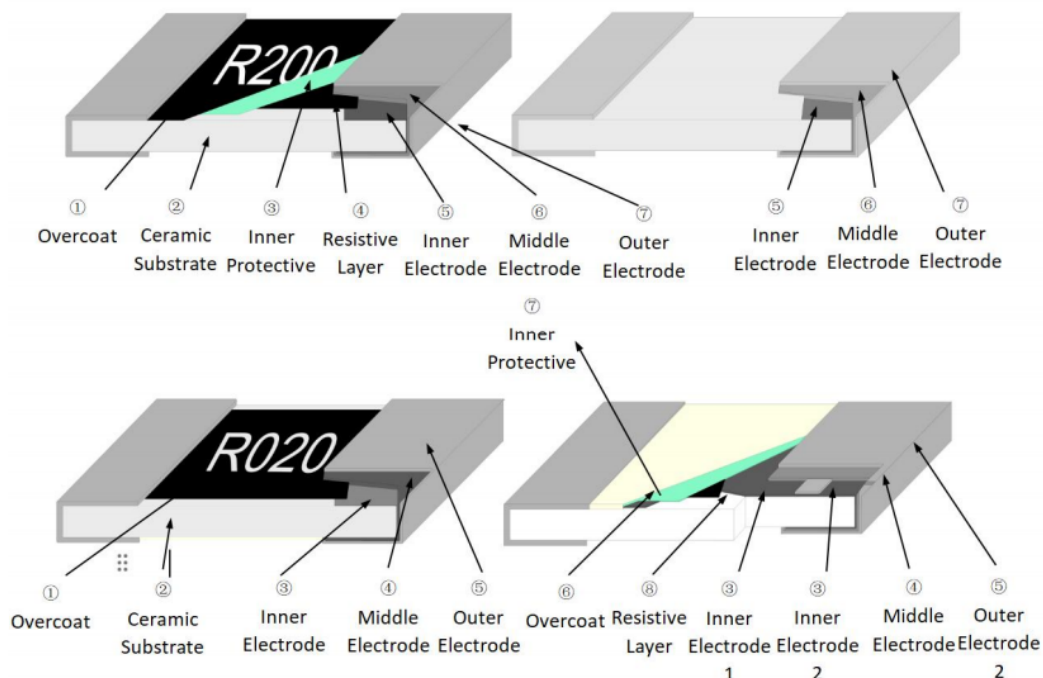


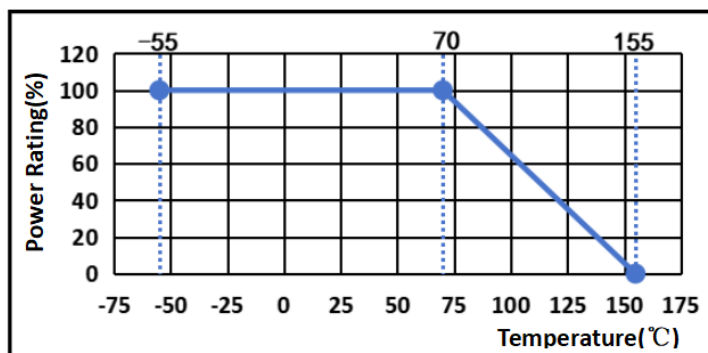
RCL SERIES STRIP LOW OHMIC THICK FILM CHIP RESISTORS

CONSTRUCTION AND DIMENSIONS



Outlines	Type	Dimensions (mm)				
		L	W	T	a	b
	RCL1608(0603)	1.60±0.10	0.80±0.10	0.45±0.10	0.25±0.15	0.30±0.15
	RCL2012(0805)	2.00±0.10	1.25±0.10	0.50±0.10	0.35±0.20	0.35±0.20
	RCL3216(1206)	3.10±0.15	1.60±0.15	0.55±0.15	0.45±0.25	0.45±0.25
	RCL3225(1210)	3.10±0.15	2.60±0.15	0.55±0.15	0.50±0.25	0.50±0.25
	RCL5025(2010)	5.00±0.15	2.50±0.15	0.55±0.15	0.60±0.25	0.60±0.25
	RCL6332(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: $I = \sqrt{P/R}$ or Limiting element current whichever is lower

Where

I = Rated Current(A)

P = Rated Power(W)

R = Resistance Value(Ω)

SPECIFICATIONS

Type	Power Rating @70°C	Limiting Element Current	Max.Over Load Current	T.C.R ($\times 10^{-6}/K$)	Resistance Range(Ω)	Tolerance
RCL1608 (0603)	1/10W	1.41A	3.52A	± 1500	$50\text{ m}\Omega \leq R < 100\text{ m}\Omega$	$R \geq 100\text{ m}\Omega$: F: $\pm 1\%$ G: $\pm 2\%$ J: $\pm 5\%$ $R < 100\text{ m}\Omega$: J: $\pm 5\%$
				± 700	$100\text{ m}\Omega \leq R < 500\text{ m}\Omega$	
				± 500	$500\text{ m}\Omega \leq R \leq 910\text{ m}\Omega$	
RCL2012 (0805)	1/8W	3.53A	8.82A	± 1200	$10\text{ m}\Omega \leq R < 100\text{ m}\Omega$	
				± 700	$100\text{ m}\Omega \leq R < 500\text{ m}\Omega$	
				± 500	$500\text{ m}\Omega \leq R \leq 910\text{ m}\Omega$	
RCL3216 (1206)	1/4W	5.00A	12.50A	± 1200	$10\text{ m}\Omega \leq R < 100\text{ m}\Omega$	
				± 700	$100\text{ m}\Omega \leq R < 500\text{ m}\Omega$	
				± 500	$500\text{ m}\Omega \leq R \leq 910\text{ m}\Omega$	
RCL3225 (1210)	1/2W	7.07A	17.67A	± 1200	$10\text{ m}\Omega \leq R < 100\text{ m}\Omega$	
				± 700	$100\text{ m}\Omega \leq R < 500\text{ m}\Omega$	
				± 500	$500\text{ m}\Omega \leq R \leq 910\text{ m}\Omega$	
RCL5025 (2010)	3/4W	8.66A	21.65A	± 1200	$10\text{ m}\Omega \leq R < 100\text{ m}\Omega$	
				± 700	$100\text{ m}\Omega \leq R < 500\text{ m}\Omega$	
				± 500	$500\text{ m}\Omega \leq R \leq 910\text{ m}\Omega$	
RCL6332 (2512)	1W	10.00A	25.00A	± 1200	$10\text{ m}\Omega \leq R < 100\text{ m}\Omega$	
				± 700	$100\text{ m}\Omega \leq R < 500\text{ m}\Omega$	
				± 500	$500\text{ m}\Omega \leq R \leq 910\text{ m}\Omega$	

PART NUMBERING CODE

RCL3216	-	R200	J	T
Series	T.C.R (×10 ⁻⁶ /K)	Resistance	Tolerance	Packing
RCL1608 RCL2012 RCL3216 RCL3225 RCL5025 RCL6332	±500ppm/°C ±700ppm/°C ±1200ppm/°C ±1500ppm/°C	E-24 series	R≥100mΩ: F: ±1% G: ±2% J: ±5% R<100mΩ: J: ±5%	B: Bulk T: Tape Reel