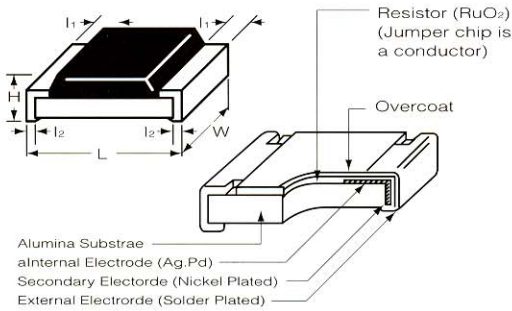




Thick Film Chip Resistors

RC Series

DIMENSIONS



FEATURES

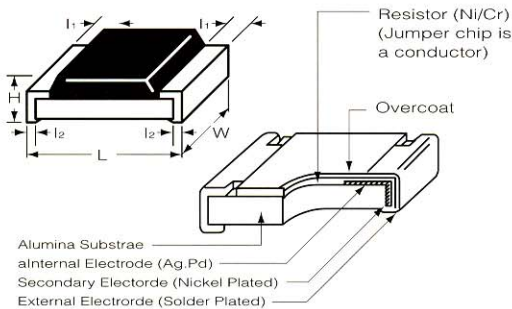
- Extremely thin and light
- Highly reliable multilayer electrode construction
- Compatible with all soldering process
- Highly stable in auto-placement surface mounting applications
- Barrier layer end termination
- Zero Ohm Jumper is available
- Available in 8 mm Tape & Reel per EIA RS481

unit : mm

Style	K	W	H	l ₁	l ₂
RC0402	1.00±0.10	0.50±0.05	0.35±0.05	0.20±0.10	0.25±0.10
RC0603	1.60±0.10	0.80±0.10	0.45±0.10	0.30±0.20	0.30±0.20
RC0805	2.00±0.10	1.25±0.10	0.50±0.10	0.40±0.20	0.40±0.20
RC1206	3.10±0.10	1.60±0.10	0.55±0.10	0.50±0.25	0.50±0.25
RC1210	3.10±0.10	2.60±0.15	0.55±0.10	0.50±0.25	0.50±0.20
RC2010	5.00±0.10	2.50±0.15	0.55±0.10	0.60±0.25	0.50±0.20
RC2512	6.35±0.10	3.20±0.15	0.55±0.10	0.60±0.25	0.50±0.20

RT Series

DIMENSIONS



FEATURES

- High stability
- Low TCR
- High accuracy (±0.1% , ±0.5%)

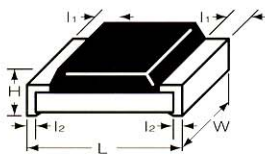
unit : mm

Style	K	W	H	l ₁	l ₂
RT0603	1.60±0.10	0.80±0.15 -0.05	0.45±0.10	0.30±0.20	0.30±0.20
RT0805	2.00±0.15	0.25±0.10 -0.05	0.50±0.10	0.40±0.20	0.40±0.20

Style	RC0402	RC0603	RC0805	RC1206	RC1210	RC2010	RC2512
Power Rating 70°C	1/16W	1/10W	1/6W	1/4W	1/3W	3/4W	1W
Operating Temp. Range	-55°C ~ +155°C (Derated to 0 Load at + 125°C)						
Max. Working Voltage	25V	50V	150V	200V	200V	200V	200V
Max. Overload Voltage	50V	100V	300V	400V	400V	400V	400V
Dielectric Withstand Voltage	50V	100V	250V	500V	500V	500V	500V
Resistance Range	100Ω ~ 1MΩ 2Ω ~ 3.3MΩ		10Ω ~ 1MΩ 1Ω ~ 10MΩ				
Resistance Tolerance	±1%, E-96 ±5%, E-24 Zero Ohm Jumper < 0.05Ω						
Temp. Coefficient	250ppm/°C		100ppm/°C				
	2Ω~10Ω: ±500ppm/°C		1Ω~10Ω: 250ppm/°C >1MΩ: 200ppm/°C				

RL Series

DIMENSIONS



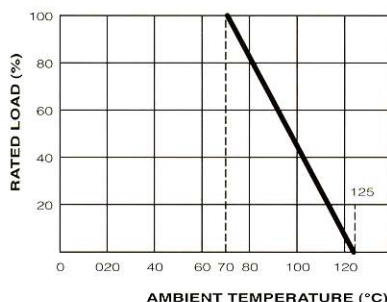
FEATURES

- Current sensing of Desktop & NoteBook PC
- Resistance values down to 0.010 ohms
- Highly reliable multilayer electrode construction
- Low Inductance
- High speed logic circuits

unit : mm

Style	K	W	H	l ₁	l ₂
RL0805	2.00±0.10	1.25±0.10	0.5±0.10	0.40±0.20	0.40±0.20
RL1206	3.10±0.10	0.60±0.10	0.55±0.10	0.50±0.25	0.50±0.25
RL1210	3.10±0.10	2.60±0.15	0.55±0.10	0.50±0.25	0.50±0.20
RL2010	5.00±0.10	2.50±0.15	0.55±0.10	0.60±0.25	0.40±0.20
RL2512	6.35±0.10	3.20±0.15	0.55±0.10	0.60±0.25	0.40±0.20

DERATING CURVE



Style	RT0603	RT0805
Power Rating 70°C	1/16W	1/10W
Operating Temp. Range	-55oC to +125oC (Derated to 0 Load at +125oC)	
Max. Working Voltage	50V	100V
Max. Overload Voltage	100V	200V
Dielectric Withstand Voltage	100V	250V
Resistance Range	10Ω~91Ω : ±50ppm/°C	
Resistance Tolerance	E-24 only, E-96 on request	
	100Ω~33Ω : ±25ppm/°C	100Ω~91Ω : ±50ppm/°C
	±0.1% RT0603: 100Ω~33KΩ, 25ppm/°C only	100Ω~100Ω : ±25ppm/°C
	±0.1% RT0805: 100Ω~100KΩ, 25ppm/°C only	36Ω~330Ω : ±100ppm/°C
		110Ω~1MΩ : ±100ppm/°C
Temp. Coefficient	±25~100ppm/°C	
Resistance Tolerance	±0.1% , ±0.5%	