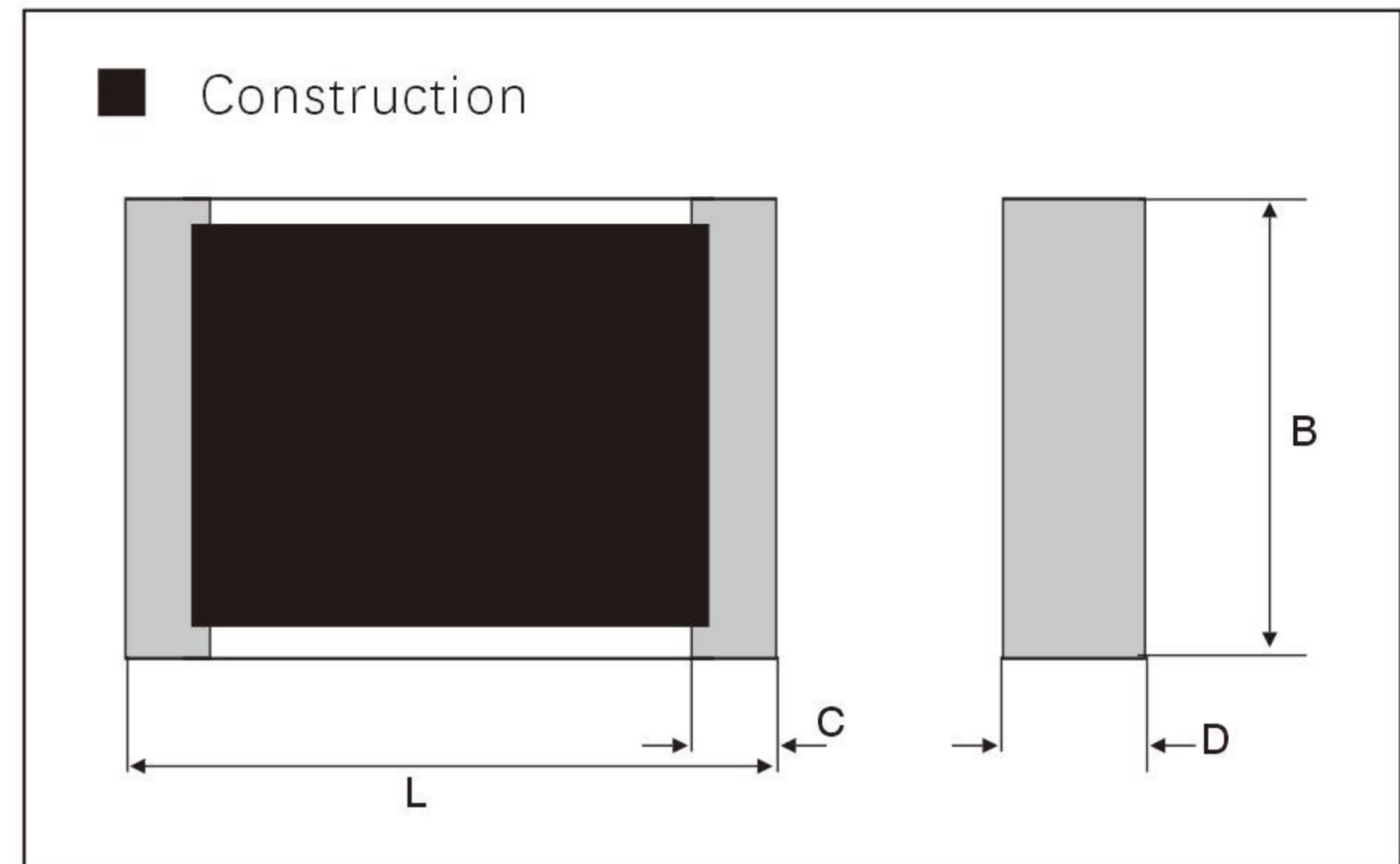
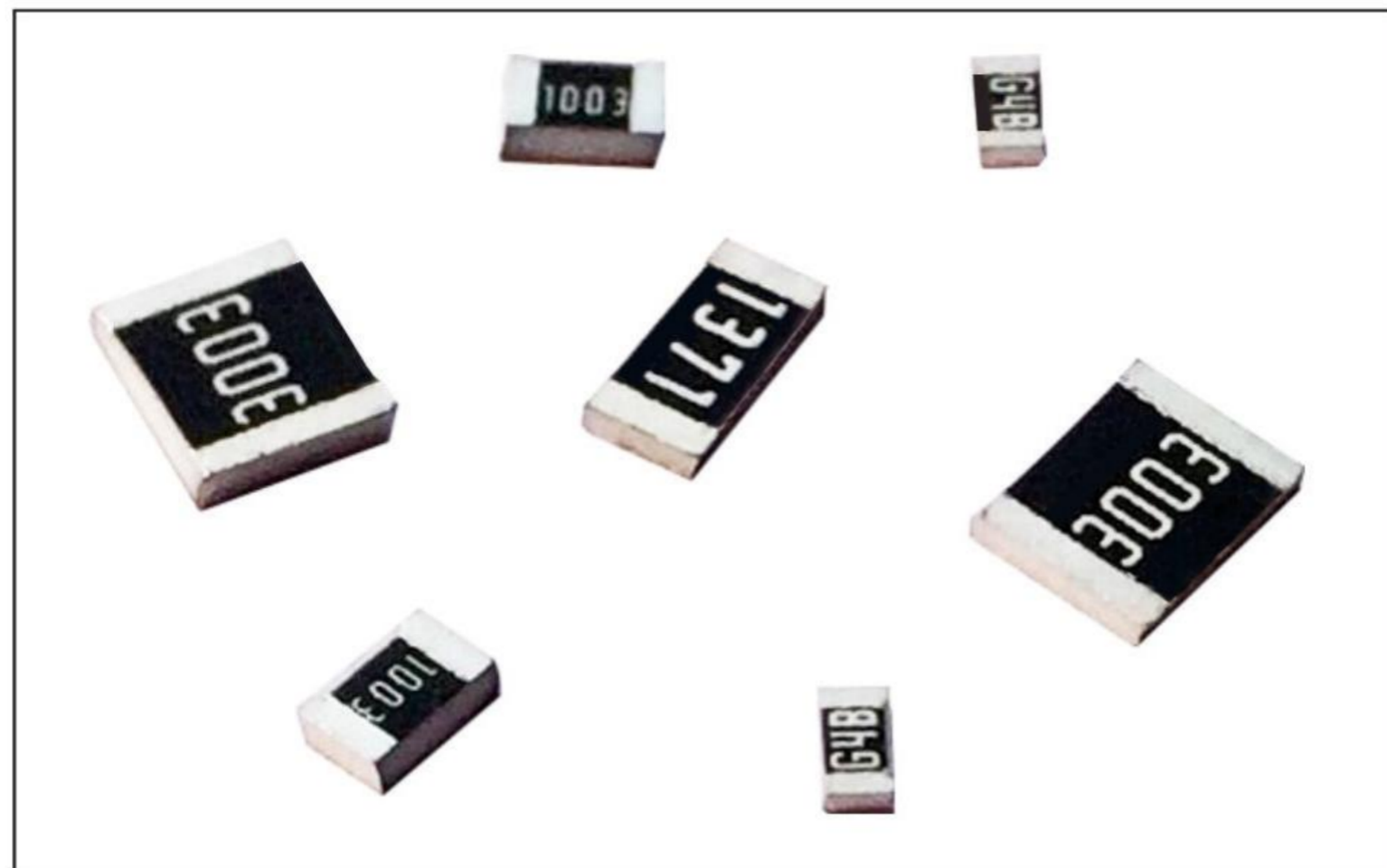


# Series RRJ

## Thin film chip Resistors



### ■ Characteristics

- Thin Film Technology
- Resistance element resin--passivated
- High Precision (0.05%)
- Extremely Low Noise

### ■ Dimensions (mm)

Model	L	B	D	C
RRJ0402	1.00±0.20	0.50±0.13	0.25±0.15	0.30±0.20
RRJ0603	1.60±0.20	0.80±0.13	0.40±0.15	0.30±0.20
RRJ0805	2.00±0.20	1.25±0.13	0.50±0.15	0.40±0.20
RRJ1206	3.20±0.20	1.60±0.13	0.50±0.15	0.50±0.20
RRJ1210	3.20±0.20	2.50±0.15	0.50±0.15	0.50±0.20

### ■ Technical Standard

GB/T5729-2003 Fixed resistors for use in electronic equipment  
Part I: General Specification

### ■ Application Area

RRJ products are leadless structure, the surface is plated with nickel and pure tin to ensure the stability of resistance and the reliability of solder joints. It has the characteristics of small size, light weight, superior performance and reliable quality. It is widely used in smart meters, test equipment, industrial control instruments and other instruments.

### ■ Technical Specifications

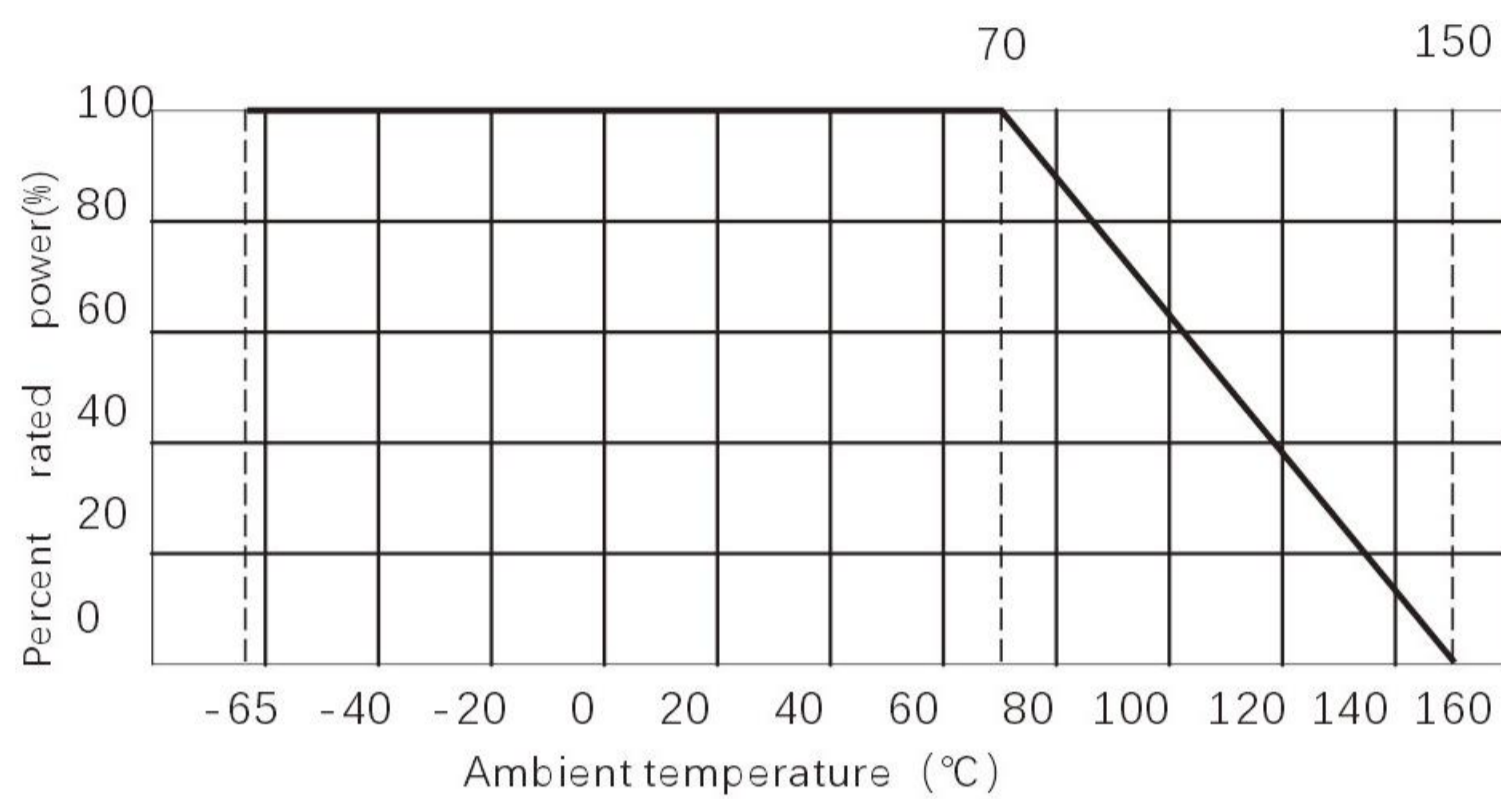
Type	RRJ0402	RRJ0603	RRJ0805	RRJ1206	RRJ1210
Rated Power at 70°C(W)	0.05	0.10	0.15	0.25	0.50
Max Working Voltage (V)	25	50	50	100	150
Resistance Range(Ω)	10R ~ 50K	10R ~ 260K	10R ~ 510K	10R ~ 1M	10R ~ 1M
Tolerance Range	W(±0.05%),B(±0.1%), C(±0.25%),D(±0.5%), F(±1.0%)				
TC-Range(10 <sup>-6</sup> /K)	C6 (±10), C5 (±15), C4(±20),C3(±25), C2(±50)				

# Series RRJ

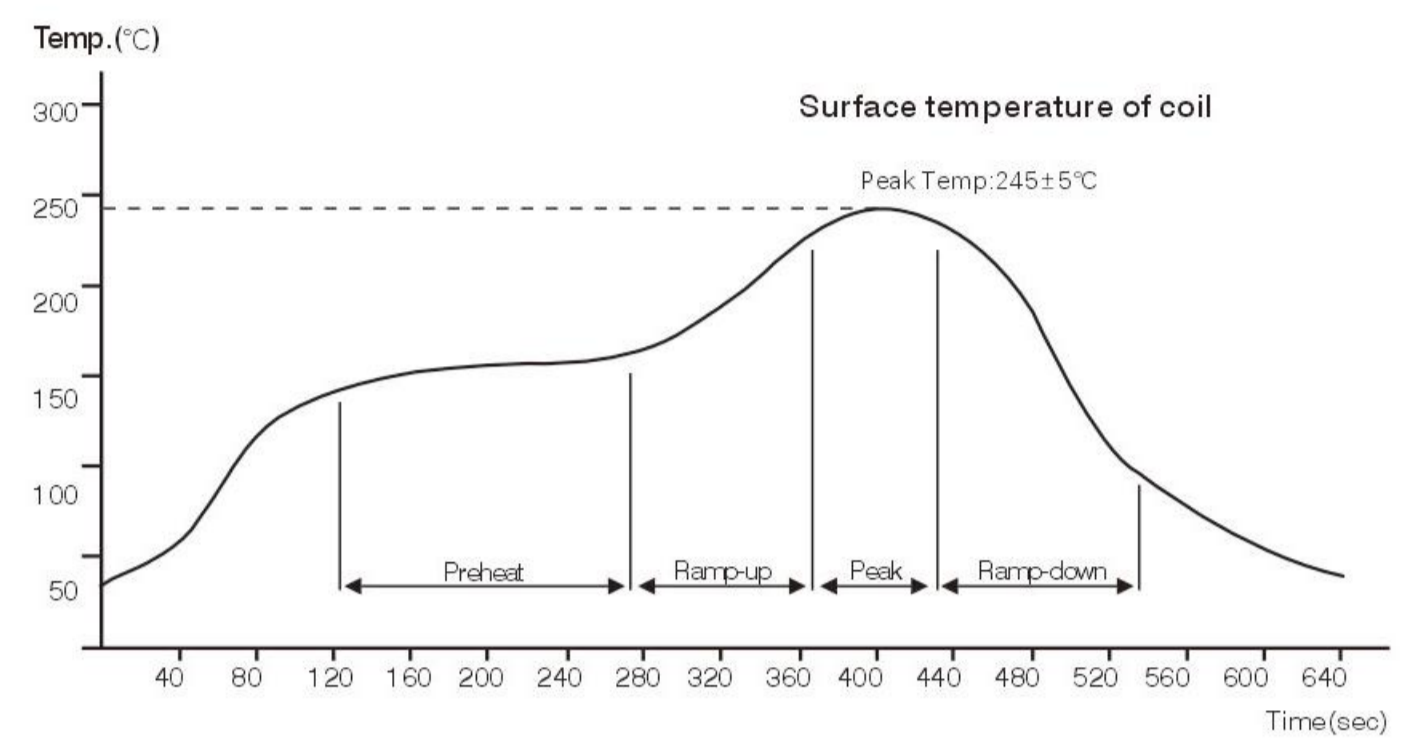
## Thin film chip Resistors



### Derating Curve



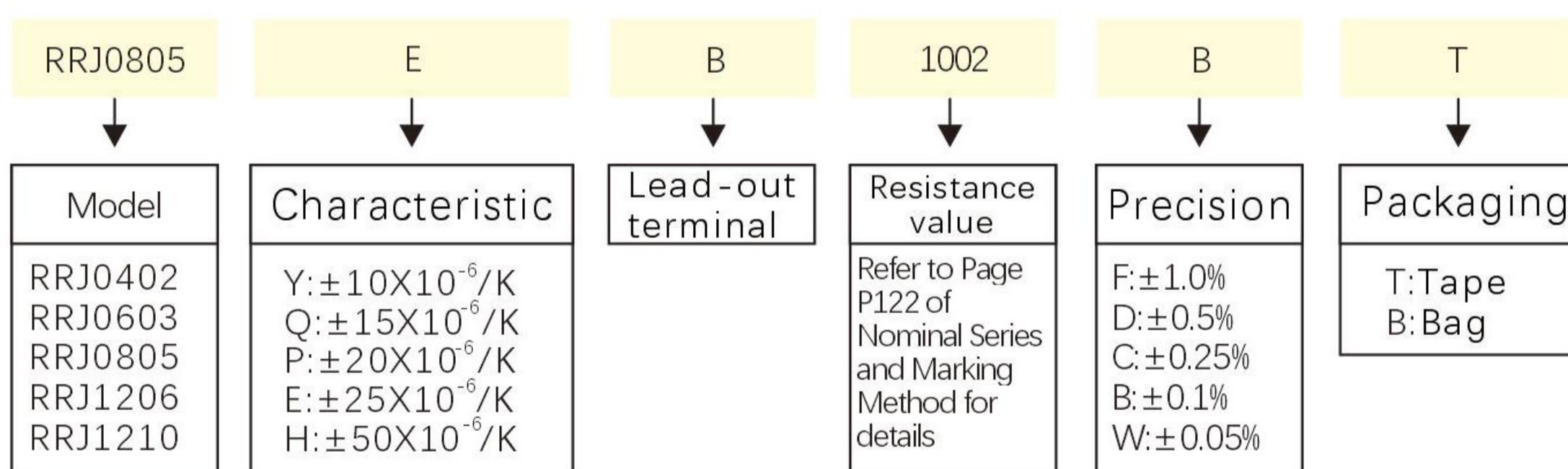
### Surface Mount Resistance Reflow Soldering Plot



### Performance Characteristics

Test Items	Standards	Test Method
Temperature Shock	$\Delta R \leq \pm(0.25\%R + 0.01\Omega)$	-65°C ~ 150°C, 5 cycles
Short Time Overload	$\Delta R \leq \pm(0.25\%R + 0.01\Omega)$	2.5 times of rated voltage, not more than 2 times of component limit voltage, lasting for 5S
Resistance to Solder	$\Delta R \leq \pm(0.25\%R + 0.01\Omega)$	260°C ± 5°C, 10 ± 2S
Resistance to Moisture	$\Delta R \leq \pm(1.0\%R + 0.01\Omega)$	40 °C ± 2 °C, humidity 90% ~ 95%, 1000 H 1.5 H on, 0.5 H off
70°C Endurance	$\Delta R \leq \pm(1.0\%R + 0.01\Omega)$	70 °C, rated load, 1000h 1.5h, 0.5 H break
Solderability	Lectrode area cover by solder ≥ 95%	245°C ± 5°C, 3 ± 0.5S

### Examples for purchase



Packaging: Bulk in plastic bags(MOQ:1000pcs);5000pcs for taping.