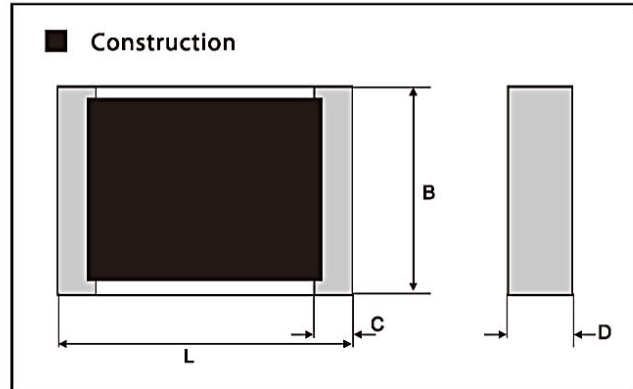
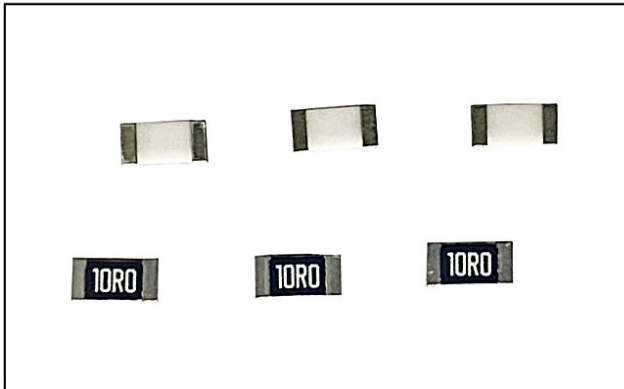


# Series RMB

Alloy foil Precision chip Resistors



## ■ Characteristics

- High Precision
- Low TCR
- Extremely Low Noise
- NO inductance

## ■ Dimensions (mm)

Type	L	B	D <sub>Max</sub>	C
RMB1206(3216)	3.20 ± 0.20	1.60 ± 0.13	0.64	0.50 ± 0.20
RMB2512(6332)	6.30 ± 0.20	3.20 ± 0.13	0.64	0.70 ± 0.20

## ■ Technical Standard

GJB1432B-2009 General Specification  
for Chip Film Fixed Resistors

## ■ Application Area

RMB Type Precision Chip Alloy Fixed Resistors are characterised by small size, high accuracy, low temperature coefficient, high stability and high reliability. Widely used in aviation, aerospace, marine, radar, communications, automatic control, high-precision instrumentation.

## ■ Technical Specifications

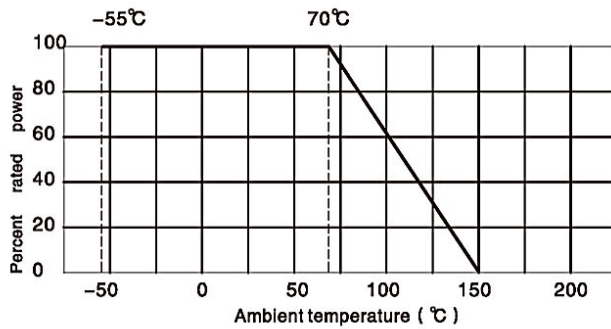
Type	RMB1206 ( 3216 )	RMB2512 ( 6332 )
Rated Power at 70°C(W)	0.2	0.4
Max Working Voltage (V)	90	250
Resistance Range(Ω)	10R ~ 5K	10R ~ 20K
Tolerance Range	± 0.01 (R ≥ 250Ω), ± 0.05 (R ≥ 50Ω), ± 0.25 (R ≥ 10Ω)	
TC-Range(10 <sup>-6</sup> /K)	± 3 (R ≥ 250Ω), ± 4 (R ≥ 50Ω), ± 6 (R ≥ 10Ω)	

# Series RMB

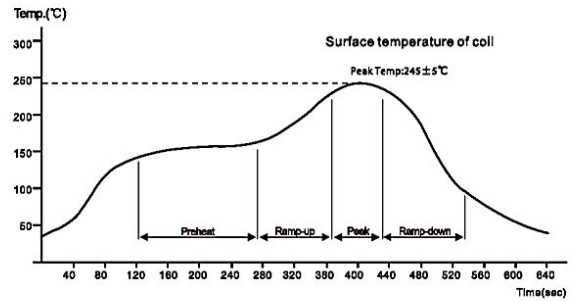
Alloy foil Precision chip Resistors



## Derating Curve



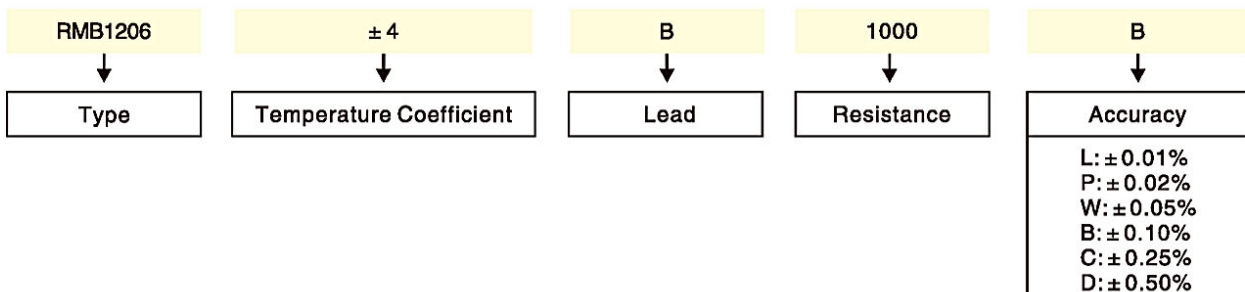
## Surface Mount Resistor Reflow Profile



## Performance Characteristics

Test Items	Standards	Actual Measured Data	Test Method
Short Time Overload	$\Delta R \leq \pm (0.03\%R + 0.01 \Omega)$	$\leq \pm 0.01\%$	2.5 times the rated voltage, not exceeding 2 times the limiting voltage of the component, lasting 5s
Temperature Shock	$\Delta R \leq \pm (0.03\%R + 0.01 \Omega)$	$\leq \pm 0.03\%$	-65°C~150°C, 5 cycles
Low Temp. Operation	$\Delta R \leq \pm (0.02\%R + 0.01 \Omega)$	$\leq \pm 0.01\%$	-65° C, rated load voltage 45min
Resistance to Dry Heat	$\Delta R \leq \pm (0.05\%R + 0.01 \Omega)$	$\leq \pm 0.05\%$	Storage at 150° C for 100h
Resistance to Solder	$\Delta R \leq \pm (0.04\%R + 0.01 \Omega)$	$\leq \pm 0.01\%$	245°C ± 5°C, 60 ± 5S
Resistance to Moisture	$\Delta R \leq \pm (0.10\%R + 0.01 \Omega)$	$\leq \pm 0.1\%$	Temperature 25° C~65° C, relative humidity 80%~100%
Load Life	$\Delta R \leq \pm (0.05\%R + 0.01 \Omega)$	$\leq \pm 0.05\%$	70° C, rated load, 2000h

## Examples for purchase



Packaging: Pallet in plastic bags(MOQ:100pcs)