

NON-MAGNETIC CHIP RESISTORS

(RNM SERIES)

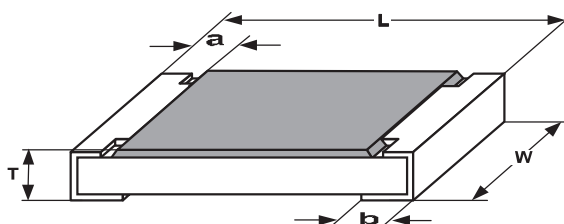
Features

- ⊙ Non-Magnetic chip resistors by copper plating on middle termination.
- ⊙ Non-Magnetic chip resistors pass 3000 gauss magnetic detection.
- ⊙ Compatible with flow and reflow soldering.
- ⊙ Suitable for lead free soldering.
- ⊙ Meet RoHs compliant.
- ⊙ RoHs compliant & Halogen free.

Application

- ⊙ Medical equipment.
- ⊙ Automotive industry.
- ⊙ MRI industry
- ⊙ Measurement Instrument.

Dimensional Specifications



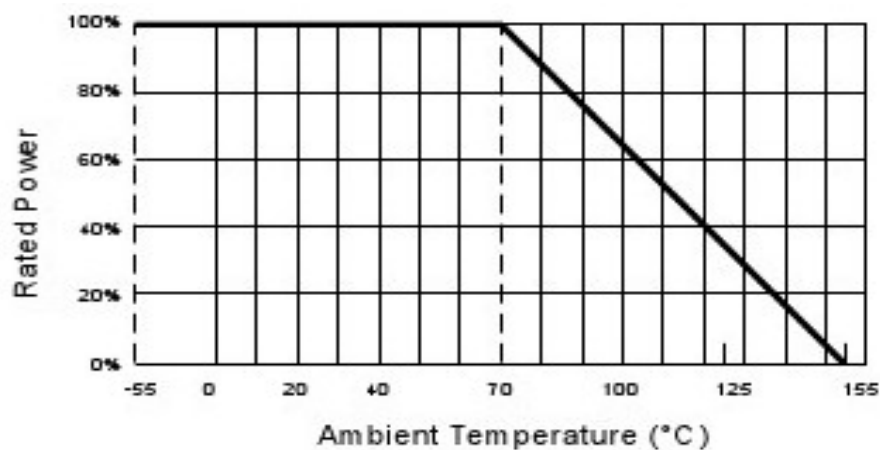
Style	Dimensions : mm				
	L	w	a	b	T
RNM-06 (0603)	1.60 ±0.10	0.80 ±0.10	0.30 ±0.20	0.30 ±0.20	0.45 ±0.10
RNM-10 (0805)	2.00 ±0.10	1.25 ±0.10	0.40 ±0.10	0.40 ±0.20	0.50 ±0.10
RNM-18 (1206)	3.10 ±0.10	1.6 ±0.10	0.50 ±0.20	0.50 ±0.25	0.55 ±0.10

Standard Electrical Specifications

Style(Size)	Normal Type at 70°C	Max. RCWV voltage	Max. overload voltage	Resistance tolerance %	Temperature Coefficient of Res TCR (ppm/°C)	Resistance Range		Standard Resistance Values
						Min.	Max.	
RNM-06 (0603)	1/10W	50V	100V	F= ±1% J = ±5%	±100 ±200	1 Ω 0Ω &1Ω	10MΩ 10MΩ	E-96 E-24
RNM-10 (0805)	1/8W	150V	300V	F= ±1% J = ±5%	±100 ±200	1 Ω 0Ω &1Ω	10MΩ 10MΩ	E-96 E-24
RNM-18 (1206)	1/4W	200V	400V	F= ±1% J = ±5%	±100 ±200	1 Ω 0Ω &1Ω	10MΩ 10MΩ	E-96 E-24



Power DE-Rating Curve



Parts Number System

RNM -

Type

Non-Magnetic
Chip Resistors

06 -

Size

06 = 0603
10 = 0805
18 = 1206

102

Resistance

Please refer
to marking
explanation.

J

Tolerance

F = $\pm 1\%$
J = $\pm 5\%$
On request

R

Standard Packing

R=Paper tape
reel
(5Kpcs/Reel)

