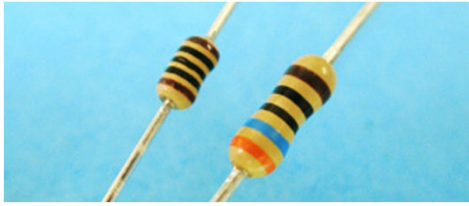
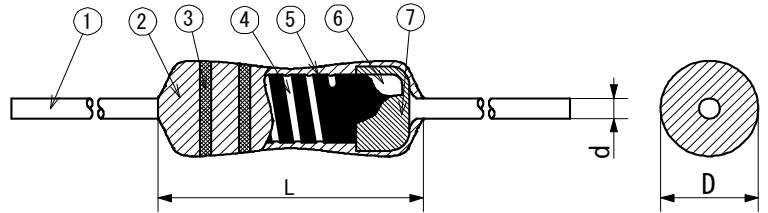




Model No. RNM



■ Constructions and Dimensions



①	lead wire	④	herical cutting groove	⑦	cap
②	insulation coat	⑤	conductive film		
③	color code	⑥	ceramic base		

Type	Dimensions(mm)		
	L	D	d
RNM1/4W	3.4 max.	1.7±0.3	0.5±0.05
RNM1/2W	6.4±0.8	2.3±0.4	0.6±0.1

■ Feature

- Automatically insertion with 5 mm pitch for high density assembly is available. (1/4W)
- Available with the tolerance of ±0.5%, ±1.0%.
- Body color : Ivory
- Metal plated film is used for the resistance value of less than 10Ω.

■ Type Designation

Ex)RNM1/4 C3 10kΩ FTU

RNM	1/4	C3	10kΩ	F	TU
Type	Power Rating	T.C.R. [ppm/°C]	Resistance	Tolerance	Forming, Packaging
MINIATURE PAINT INSULATED FIXED METAL FILM RESISTORS	1/4:0.25W 1/2:0.5W	C2:±50 C3:±100	E-24,E-96 series	D:±0.5% F:±1.0%	TU:52mm Axial Taping TP:26mm Axial Taping RP:Radial Taping

※Please refer to
General
Specifications.

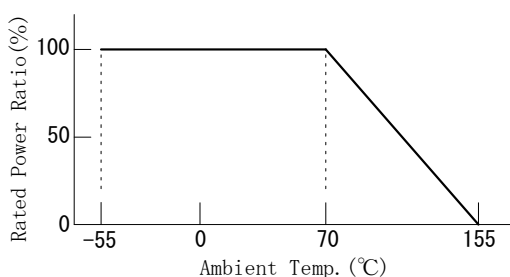
※Please refer to General Specifications.

■ Power Rating

Type	Power Rating	Rated Voltage	Dielectric withstanding Voltage	Resistance Range		T.C.R.	Rated Ambient Temp.	Operating Temp.Range
	[W]	[V]		[Ω]				
RNM1/4	0.25	$\sqrt{P \cdot R}$	400	D: 10~100k	F: 1~100k	C2:±50 C3:±100	+70	-55~ +155
RNM1/2	0.5	$\sqrt{P \cdot R}$	600	10~100k	1~100k			

※P=Rated power (W), R=Nominal resistance (Ω)

■ Derating Curve



■ Performance

Items	Characteristics	Test method
Short-time over load	resistance change within ±0.5%	JIS C 5201-1 4.13 Rated voltage×2.5 5s
Resistance to soldering heat	resistance change within ±0.5%	JIS C 5201-1 4.18 260°C 10s
Damp heat (steady state)	resistance change within ±1.5%	JIS C 5201-1 4.24 40°C, 95%RH, 1,000h 1.5hON, 0.5hOFF cycle
Endurance (rated load)	resistance change within ±2.0%	JIS C 5201-1 4.25.1 70°C, 1,000h 1.5hON, 0.5hOFF cycle