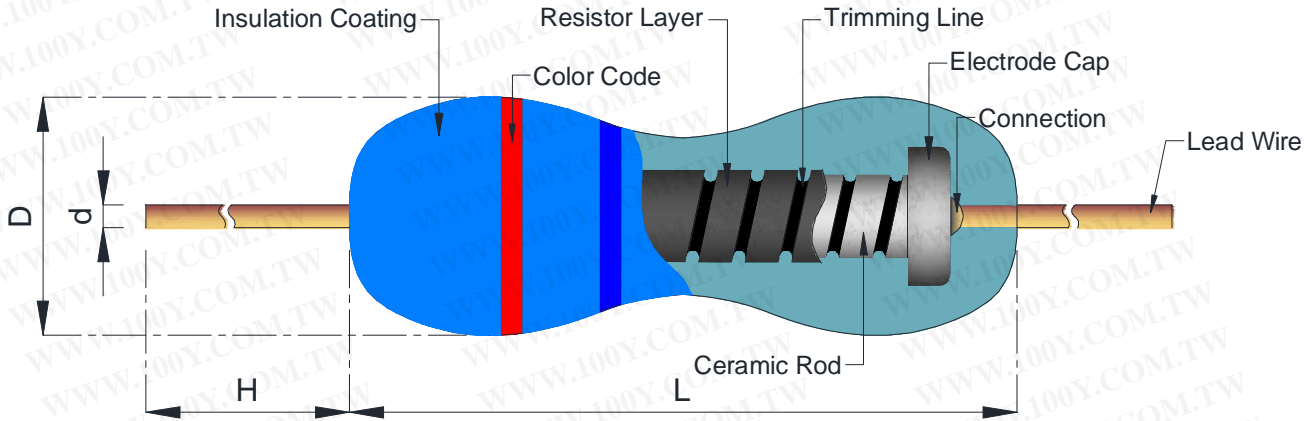


● **PRODUCT FEATURES :**

1. LOW NOISE
2. LOW T.C.R.200ppm, 100ppm, 50ppm, 25ppm, 15ppm,10ppm,5ppm.
3. HIGH PRECISION 1%, 0.5%, 0.25%, 0.1%,0.05%

● **POWER 、 RATINGS 、 DIMENSIONS**

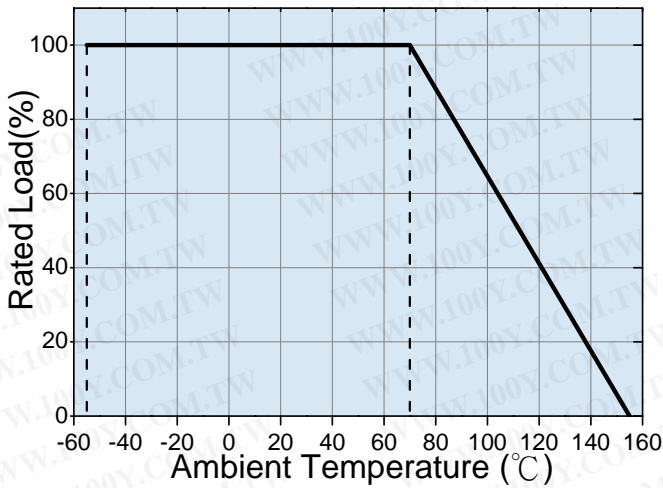
- ◎ Standard Type: 1/8W ~2W
- ◎ Miniature Type: 1/4Ws~3Ws



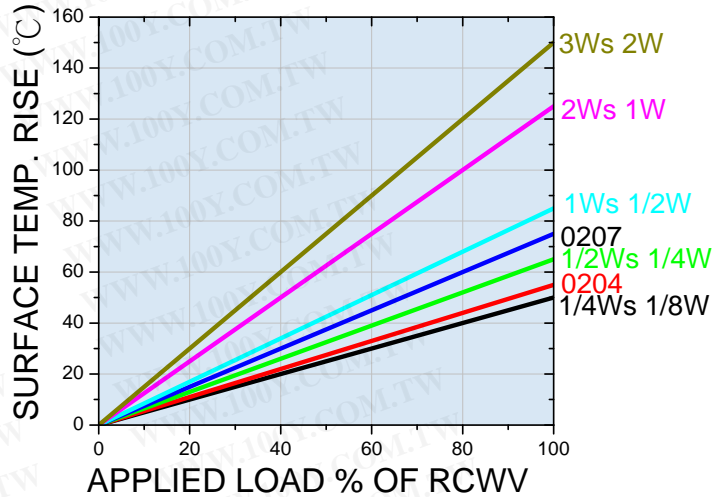
TYPE	Dimension(mm)				Resistance		Max Working Voltage	Operating Temp. Range	Max. Overload Voltage	Dielectric Withstanding voltage.
	D	L	H	d	Range(Ω)	Range(Ω)				
					0.5%/1%	0.25%/0.1%				
RM 1/8W	1.8±0.3	3.3 <sup>+0.4</sup>	29±2.0	0.4±0.05	0.1Ω~1M	10Ω~100K	-55°C to +155°C	300V	300V	
RM 1/6W		3.3 <sup>-0.2</sup>								
RM 1/4WS		3.3 <sup>+0.7</sup>								
RM 0.4W(0204)		3.3 <sup>-0.2</sup>								
RM 1/4W	2.3±0.3	6.3±0.5	28±2.0	0.5±0.05	0.1Ω~1M	10Ω~100K	-55°C to +155°C	500V	400V	
RM 1/2WS										300V
RM0.6W(0207)	3.2±0.5	9.0±0.5	26±2.0	0.56±0.03	0.1Ω~1M	10Ω~100K	-55°C to +155°C	500V	600V	
RM 1/2W										350V
RM 1WS										400V
RM 1W	4.5±0.5	11.5±1.0	35±2.0	0.76±0.03	0.1Ω~1M	10Ω~100K	-55°C to +155°C	700V	700V	
RM 2WS										500V
RM 2W	5.0±0.5	15.5±1.0	32±2.0	0.76±0.03	0.1Ω~1M	10Ω~100K	-55°C to +155°C	1000V	1000V	
RM 3WS										500V

☆ Value Range for standard resistance , below or over this resistance on request.

●POWER GRAPH



●HOT-SPOT TEMPERATURE



● ENVIRONMENTAL CHARACTERISTICS

PERFORMANCE TEST	TEST METHOD	APPRAISE
Short Time Overload	2.5 times RCWV for 5 seconds	±(0.25%+0.05 Ω)
Temperature Coefficient(T.C.R.)	Resistance value at room Temperature and room Temperature+100°C	By Type
Voltage Proof	In V-Block for 60 seconds	By Type
Pulse Overload	4 times RCWV for 10000 cycles (1sec.on , 25secs.off)	±(0.75%+0.05 Ω)
Insulation Resistance	In V-Block	> 10000MΩ
Load Life	70°C at RCWV for 1000hrs. (1.5hrs. on , 0.5hrs.off)	±(1.5%+0.05 Ω)
Load Life In Humidity	40±2°C 90~95%RH at RCWV for 1000hrs. (1.5hrs. on , 0.5hrs.off)	±(1.5%+0.05 Ω)
Solderability	260±5°C for 2±0.5 seconds	95% min. coverage
Resistance To Solvent	Trichloroethane for 1 min with ultrasonic.	No deterioration of coatings and markings
Terminal Strength	Direct load for 10 sec. In the direction off the terminal leads.	Tensile: ≥ 2.5kg

Reference Standards: IEC 60115-1

Storage Temperature: 25±3°C; Humidity < 80%RH

Rated continuous Working Voltage (RCWV) =  $\sqrt{POWER.RATING. * RESISTANCE.VALUE}$

● Resistor body color

◎ Standard : Epoxy Coating

1. Normal size----- Blue
2. Small size----- Blue

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

● PART NUMBER:

<b>RM</b>	<b>04</b>	<b>3K00</b>	<b>F</b>	<b>C</b>	<b>TB</b>
↓	↓	↓	↓	↓	↓
<b>Type</b>	<b>Power rating</b>	<b>Resistance</b>	<b>Tolerance</b>	<b>T.C.R</b>	<b>Packaging</b>
RM   Metal Film	04   1/4W	3K00   3K Ω	A   ± 0.05%	200ppm	TB   Taping Box
	02   1/2W	10E0   10 Ω	B   ± 0.1%	C   100ppm	TR   Taping Reel
	1W   1W	100E   100 Ω	C   ± 0.25%	E   50ppm	B   Bulk
	S2   1/2WS	1K20   1K2 Ω	D   ± 0.5%	G   25ppm	F   F-TYPE
	1S   1WS	1M00   1M Ω	F   ± 1%	H   15ppm	M   M-TYPE
	2W   2W	22M0   22M Ω	J   ± 5%	K   10ppm	PANA   PANA
	3S   3WS			L   5ppm	