

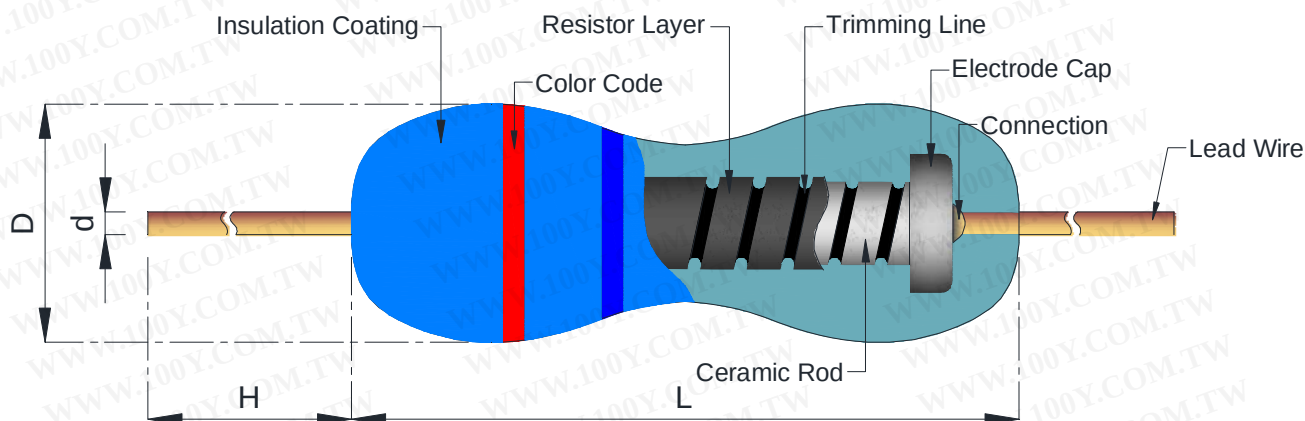
● PRODUCT FEATURES :

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

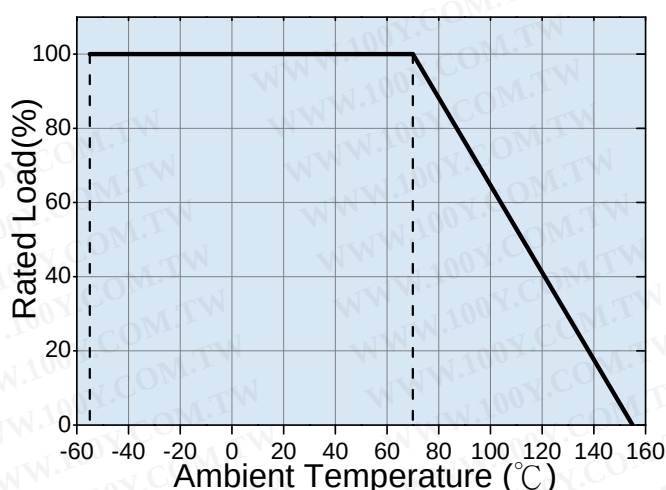


TYPE	Dimension(mm)				Resistance		Max	Operating Temp. Range	Max.	Dielectric Withstanding voltage.
	D	L	H	d	Range(Ω)	Range(Ω)	Working		Overload	
					0.5%/1%	0.25%/0.1%	Voltage		Voltage	
RM 1/8W	1.8±0.3	+0.4 3.3	29±2.0	0.4±0.05	0.1Ω~1M	10Ω~100K	150V	-55℃ to +155℃	300V	300V
RM 1/6W		-0.2					150V		300V	
RM 1/4WS		+0.7 3.3					200V		400V	
RM 0.4W(0204)		-0.2					200V		400V	
RM 1/4W	2.3±0.3	6.3±0.5	28±2.0	0.5±0.05	0.1Ω~1M	10Ω~100K	250V		500V	400V
RM 1/2WS							300V		500V	
RM0.6W(0207)							300V		500V	
RM 1/2W	3.2±0.5	9.0±0.5	26±2.0	0.56±0.03	0.1Ω~1M	10Ω~100K	350V		500V	500V
RM 1WS							400V		600V	
RM 1W	4.5±0.5	11.5±1.0	35±2.0	0.76±0.03	0.1Ω~1M	10Ω~100K	500V		700V	700V
RM 2WS							500V		700V	
RM 2W	5.0±0.5	15.5±1.0	32±2.0	0.76±0.03	0.1Ω~1M	10Ω~100K	500V		1000V	1000V
RM 3WS							500V	1000V		

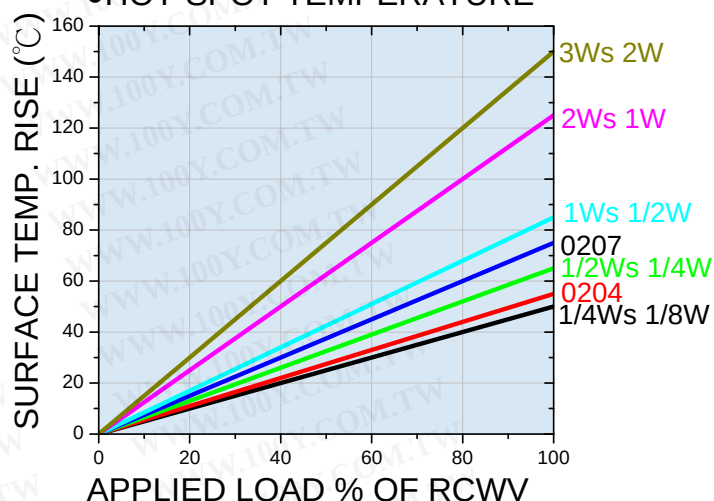
☆ Value Range for standard resistance , below or over this resistance on request.

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)

●POWER GRAPH



●HOT-SPOT TEMPERATURE



● ENVIRONMENTAL CHARACTERISTICS

PERFORMANCE TEST	TEST METHOD	APPRAISE
Short Time Overload	2.5 times RCWV for 5 seconds	$\pm(0.25\%+0.05\Omega)$
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)	$\pm(0.75\%+0.05\Omega)$
Insulation Resistance	In V-Block	> 10000M Ω
Load Life	70°C at RCWV for 1000hrs. (1.5hrs. on , 0.5hrs.off)	$\pm(1.5\%+0.05\Omega)$
Load Life In Humidity	40 $\pm$ 2°C 90~95%RH at RCWV for 1000hrs. (1.5hrs. on , 0.5hrs.off)	$\pm(1.5\%+0.05\Omega)$
Solderability	260 $\pm$ 5°C for 2 $\pm$ 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: $\geq$ 2.5kg

Reference Standards: IEC 60115-1

Storage Temperature: 25 $\pm$ 3°C; Humidity < 80%RH

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

● Resistor body color

◎ Standard : Epoxy Coating

1. Normal size----- Blue

2. Small size----- Blue

● PART NUMBER:

RM	04	3K00	F	C	TB
↓	↓	↓	↓	↓	↓
Type	Power rating	Resistance	Tolerance	T.C.R	Packaging
RM Metal Film	04 1/4W	3K00 3KΩ	A ± 0.05%	200ppm	TB Taping Box
	02 1/2W	10E0 10Ω	B ± 0.1%	C 100ppm	TR Taping Reel
	1W 1W	100E 100Ω	C ± 0.25%	E 50ppm	B Bulk
	S2 1/2WS	1K20 1K2Ω	D ± 0.5%	G 25ppm	F F-TYPE
	1S 1WS	1M00 1MΩ	F ± 1%	H 15ppm	M M-TYPE
	2W 2W	22M0 22MΩ	J ± 5%	K 10ppm	PANA PANA
	3S 3WS			L 5ppm	

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)