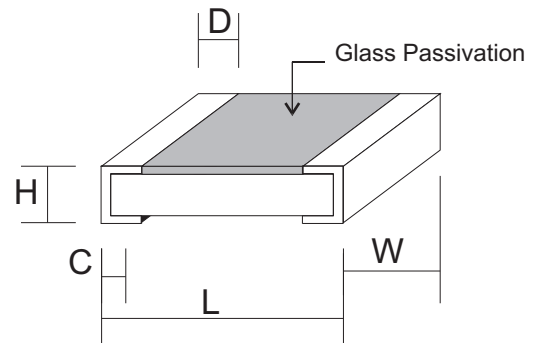


### INTRODUCTION

The RMP Series is a higher power (high wattage) version of the standard RM Series Thick Film SMD Resistor. The RMP Series SMD Resistor is made with a specially formulated substraight and with an advanced process used to deposit the film. As a result power ratings can surpass standard series.

### DIMENSIONS



### TEMP. COEFFICIENT

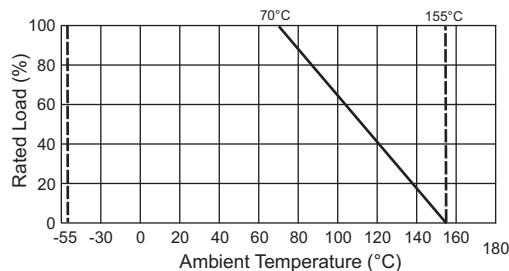
Type	Tolerance	Resistance Range	Temp. Coeff (PPM / °C)			
0402	5%	1 ~ 9.9	+500 ~ -200			
	1%, 5%	10 ~ 990	+300 ~ -300			
	1%, 5%	1K ~ 10M	+200 ~ -200			
	0.1%, 0.5%	10 ~ 1M	+200 ~ -200			
0603	1% & 5%	1 ~ 9.9	+400 ~ 400			
0805						
1206						
1210				5%	10 ~ 10M	+200 ~ 200
2010				1%	10 ~ 10M	+100 ~ 100
1812				0.1% & 0.5%	10 ~ 1M	+100 ~ 100
2512						
1218						
2030						

\* Are also available less than 1 and greater than 10 ohms.  
\* For lower Temp. Coeff see RMT Series

Type	Dimensions (mm)				
	L	W	H	C	D
RMP04 (0402)	1.0 ± 0.1	0.5 ± 0.05	0.35 ± 0.05	0.20 ± 0.1	0.2 ± 0.1
RMP06 (0603)	1.6 ± 0.2	0.8 ± 0.15	0.50 ± 0.1	0.30 ± 0.2	0.3 ± 0.15
RMP10 (0805)	2.0 ± 0.2	1.25 ± 0.15	0.50 ± 0.15	0.40 ± 0.2	0.3 ± 0.15
RMP12 (1206)	3.2 ± 0.2	1.6 ± 0.12	0.60 ± 0.15	0.45 ± 0.2	0.4 ± 0.2
RMP25 (1210)	3.2 ± 0.2	2.5 ± 0.2	0.60 ± 0.15	0.50 ± 0.2	0.5 ± 0.2
RMP50 (2010)	5.0 ± 0.2	2.5 ± 0.2	0.60 ± 0.1	0.60 ± 0.2	0.6 ± 0.2
RMP50S (1812)	4.5 ± 0.1	3.01 ± 0.1	0.80 ± 0.1	0.55 ± 0.05	0.4 ± 0.1
RMP2W (2512)	6.3 ± 0.2	3.1 ± 0.2	0.65 ± 0.1	0.60 ± 0.2	0.6 ± 0.2
RMP2WS (1218)	3.0 ± 0.1	4.6 ± 0.1	0.55 ± 0.05	0.45 ± 0.1	0.4 ± 0.1
RMP4W (2030)	5.1 ± 0.1	7.6 ± 0.1	0.60 ± 0.05	0.80 ± 0.1	0.7 ± 0.1

### DERATING CURVE

Operating Temp. Range -55°C ~ +155°



### RATINGS & STANDARD RANGES

Type	Power Rating	Max Working Voltage	Max Overload Voltage	Standard Resistance Range		
				±5% Tolerance	±1% Tolerance	±0.1% & 0.5% Tolerance
RMP04 (0402)	0.1W	50	100	1 ~ 10M	10 ~ 1M	
RMP06 (0603)	0.125W	50	100	1 ~ 10M	1 ~ 1M	10 ~ 1M
RMP10 (0805)	0.25W	150	300	1 ~ 10M	1 ~ 1M	10 ~ 1M
RMP12 (1206)	0.33W	200	400	1 ~ 10M	1 ~ 1M	10 ~ 1M
RMP25 (1210)	0.66W	200	400	1 ~ 10M	1 ~ 1M	10 ~ 1M
RMP50 (2010)	1W	200	400	1 ~ 10M	1 ~ 1M	10 ~ 1M
RMP50S (1812)	0.66W	200	400	1 ~ 10M	1 ~ 1M	10 ~ 1M
RMP2W (2512)	2W	200	400	1 ~ 10M	1 ~ 1M	10 ~ 1M
RMP2WS (1218)	2W	200	400	1 ~ 10M	1 ~ 1M	10 ~ 1M
RMP4W (2030)	4W	200	400	1 ~ 10M	1 ~ 1M	10 ~ 1M

\* For Standard Power Ratings see RM Series

### PART NUMBER EXAMPLE

RMP 10 R - 10K - J

Specifications for this series are for reference. Proper sample evaluation and approval is recommended.