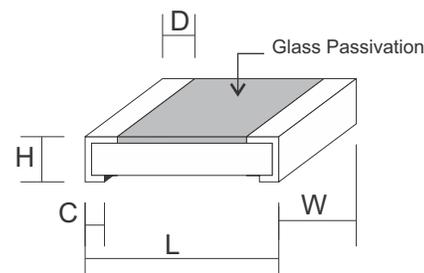


**INTRODUCTION**

RFE International, Inc. offers a wide range of chip resistors to meet your application requirements. They are made with metal glazed thick film on a high purity ceramic substrate which is overcoated for stability and protection. These resistors are lead free. The RMF Series Fusible Resistor is ideal for circuits where a predictable fusing time is important. The RMF Series is AEC-Q200 Qualified.



**DIMENSIONS**

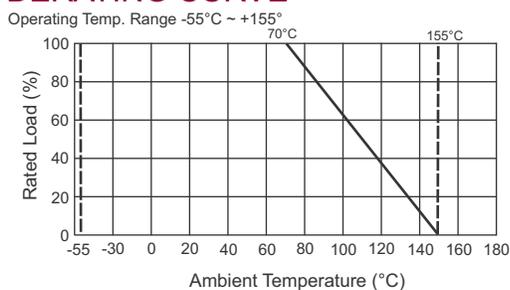
Type	Dimensions (mm)				
	L	W	H	C	D
RMF04 (0402)	1.0 ± 0.1	0.5 ± 0.05	0.35 ± 0.05	0.20 ± 0.1	0.2 ± 0.1
RMF06 (0603)	1.6 ± 0.2	0.8 ± 0.15	0.50 ± 0.1	0.30 ± 0.2	0.3 ± 0.15
RMF10 (0805)	2.0 ± 0.2	1.25 ± 0.15	0.50 ± 0.15	0.40 ± 0.2	0.3 ± 0.15
RMF12 (1206)	3.2 ± 0.2	1.6 ± 0.12	0.60 ± 0.15	0.45 ± 0.2	0.4 ± 0.2
RMF25 (1210)	3.2 ± 0.2	2.5 ± 0.2	0.60 ± 0.15	0.50 ± 0.2	0.5 ± 0.2
RMF50 (2010)	5.0 ± 0.2	2.5 ± 0.2	0.60 ± 0.1	0.60 ± 0.2	0.6 ± 0.2
RMF1W (2512)	6.3 ± 0.2	3.1 ± 0.2	0.65 ± 0.1	0.60 ± 0.2	0.6 ± 0.2

**RATINGS**

Type	Power Rating	Max Working Voltage	Max Overload Voltage	30 Second Fusing Power	Temp. Coefficient (ppm / °C)	Available Range
RMF04 (0402)	0.1W	50V	100V	2.5W	1 Ω - 47 Ω ± 600 ppm 48 Ω ~ 470 Ω ± 400 ppm 471 Ω ~ 10K Ω ± 200 ppm	1 Ω ~ 1K Ω
RMF06 (0603)	0.125W	50V	100V	3W		1 Ω ~ 1.8K Ω
RMF10 (0805)	0.15W	150V	300V	3.25W		1 Ω ~ 3K Ω
RMF12 (1206)	0.25W	200V	400V	5W		1 Ω ~ 5.1K Ω
RMF25 (1210)	0.5W	200V	400V	7.5W		1 Ω ~ 6.2K Ω
RMF50 (2010)	0.75W	200V	400V	11.25W		1 Ω ~ 7.5K Ω
RMF1W (2512)	1.0W	200V	400V	15W		1 Ω ~ 10K Ω

- Standard Resistance Range is 1 thru 10K on EIA Standard Value Table E-24
- Standard Resistance Tolerance ±5% or 10%

**DERATING CURVE**



**PART NUMBER EXAMPLE**

**RMF 50 R - 4R7 - J**