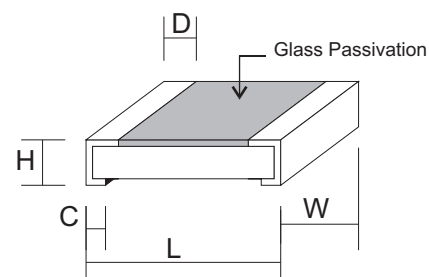


INTRODUCTION

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.



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

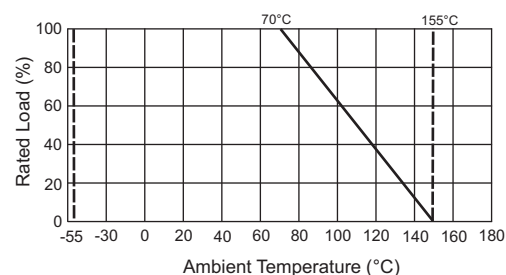
RATINGS

Type	Power Rating	Max Working Voltage	Max Overload Voltage	60 Second Fusing Power				
				0.2 ~ 0.47	0.5 ~ 1	1.1 ~ 20	22 ~ 100	110 ~ 470
RMF04 (0402)	0.0625W	50V	100V	----	2.4W	2.2W	2W	1.8W
RMF06 (0603)	0.1W	50V	100V	2.5W	2.4W	2.2W	2W	1.8W
RMF10 (0805)	0.125W	150V	300V	3W	2.6W	2.4W	2.1W	2W
RMF12 (1206)	0.25W	200V	400V	3.75W	2.88W	2.5W	2W	1.75W
RMF25 (1210)	0.33W	200V	400V	4.5W	4.1W	3.5W	3.2W	3W
RMF50 (2010)	0.5W	200V	400V	5.5W	5W	4W	3.5W	3.2W
RMF1W (2512)	1.0W	200V	400V	6.5W	6W	5W	4.5W	4W

- Standard Resistance Range is 0.2 thru 470 on EIA Standard Value Table E-24
- Temperature Coefficient ± 400 ppm/°C
- Standard Resistance Tolerance ±5%

DERATING CURVE

Operating Temp. Range -55°C ~ +155°



PART NUMBER EXAMPLE

RMF 50 R - 4R7 - J