

Type RMF Series

△ Features

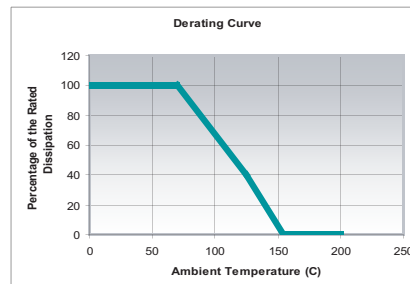
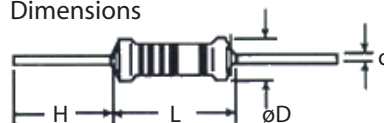
- High aluminum content base material
- Vacuum sputtered by Ni-Cr alloy
- Excellent heat and wet proof special resin for protective coating
- Stable and uniform properties, excellent performance in open air

△ Applications

- Suitable for products for high reliability.

△ Resistance Range

Dimensions



STYLE	MINI STYLE	POWER RATING (W)	TOLERNANCE	TC±25PPM/°C	TC±100PPM/°C TC±50PPM/°C
MF-12	RN-50	1/6 W	±1%	10Ω ~ 1MΩ	0.1Ω ~ 10MΩ
			±0.5%	100Ω ~ 1MΩ	1Ω ~ 10MΩ
MF-16	RN-55	1/8 W	±0.25%	51.1Ω ~ 470KΩ	51.1Ω ~ 470KΩ
			±0.1%	51.1Ω ~ 470KΩ	51.1Ω ~ 470KΩ
			±1%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
	RN-60	1/4 W	±0.5%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
			±0.25%	10Ω ~ 470KΩ	10Ω ~ 470KΩ
			±0.1%	10Ω ~ 470KΩ	10Ω ~ 470KΩ
MF-25	RN-65	1/2 W	±1%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
			±0.5%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
			±0.25%	10Ω ~ 470KΩ	10Ω ~ 470KΩ
			±0.1%	10Ω ~ 470KΩ	10Ω ~ 470KΩ
MF-50	RN-70	1 W	±1%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
			±0.5%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
			±0.25%	1Ω ~ 1MΩ	10Ω ~ 470KΩ
			±0.1%	1Ω ~ 1MΩ	10Ω ~ 470KΩ
			±1%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
MF-100	RN-75	2 W	±0.5%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
			±0.25%	1Ω ~ 1MΩ	10Ω ~ 470KΩ
			±0.1%	1Ω ~ 1MΩ	10Ω ~ 470KΩ
			±1%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
			±0.5%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
			±0.25%	1Ω ~ 1MΩ	10Ω ~ 470KΩ
MF-200	RN-75	3 W	±0.1%	1Ω ~ 1MΩ	10Ω ~ 470KΩ
			±1%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
			±0.5%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
			±0.25%	1Ω ~ 1MΩ	10Ω ~ 470KΩ
			±0.1%	1Ω ~ 1MΩ	10Ω ~ 470KΩ
			±1%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
			±0.5%	0.1Ω ~ 10MΩ	0.1Ω ~ 10MΩ
MF-300			±0.25%	1Ω ~ 1MΩ	10Ω ~ 470KΩ
			±0.1%	1Ω ~ 1MΩ	10Ω ~ 470KΩ

△ Dimensions (mm)

Type	Small Type	L±0.5	D±0.5	H (Min)	D±0.03	Max. Working V.	Max. Overload V.
MF-12	1/4WS	3.7	1.6	25	0.46	200V	400V
MF-25	1/2WS	6.5	2.5	25	0.58	250V	500V
MF-50	1WS	9	3.7	25	0.68	400V	800V
MF-100	2WS	11	4.5	30	0.8	500V	1000V
MF-200	3WS	16	5	30	0.8	750V	1000V
MF-300	5WS	17	6	30	0.8	750V	1200V

Miniature Size Metal Film Fixed Resistors

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△ Features

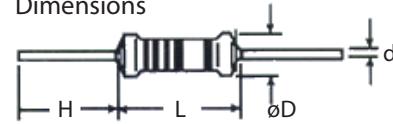
- Miniature size for saving PCB assembly
- Vacuum sputtering metal film on high aluminum ceramic rods
- Superior electrical performance, cost comparable to conventional sizes
- Standard tolerance $\pm 1\%$ (2%, 5% Available)

△ Applications

- Suitable for products for high reliability.

△ Dimensions (mm)

Dimensions



Type	Power Rating (W)	Small Type	L ± 0.5	D ± 0.5	H(Min)	D ± 0.3	Max. Working V.	Max. Overload V.
MF-12	1/8W	1/4WS	3.7	1.6	25	0.46	200V	400V
MF-25	1/4W	1/2WS	6.5	2.5	25	0.58	250V	500V
MF-50	1/2W	1WS	9.0	3.7	25	0.68	400V	800V
MF-100	1W	2WS	11.0	4.5	30	0.80	500V	1000V
MF-200	2W	3WS	16.0	5.0	30	0.80	750V	1000V
MF-300	3W	5WS	17.0	6.0	30	0.80	750V	1200V

- Max working voltage determined by $E = PR$, E should not exceed value listed in column above.

△ Derating Curve

