



Resistors & Potentiometers

1/4W Metal Film Resistors

Detailed product specifications are available on: us.100y.com.tw

Part No.	Product No.	Manufacturer	Description	Resistance data(Ω)	Tolerance(+/-)	Power W
20397	RM041K78FT		Metal Film Resistor	1.78K ohm	+/-1%	1/4W
20400	RM041K96FT		Metal Film Resistor	1.96K ohm	+/-1%	1/4W
17473	RM041M00FT		Metal Film Resistor	1M ohm	+/-1%	1/4W
17518	RM041M30FT		Metal Film Resistor	1.3M ohm	+/-1%	1/4W
17465	RM041M80FT		Metal Film Resistor	1.8M ohm	+/-1%	1/4W
17458	RM04200EFT		Metal Film Resistor	200 ohm	+/-1%	1/4W
16815	RM04200KFT		Metal Film Resistor	200K ohm	+/-1%	1/4W
20333	RM04205EFT		Metal Film Resistor	205 OHM	+/-1%	1/4W
20809	RM04205KFT		Metal Film Resistor	205K ohm	+/-1%	1/4W
16443	RM0420K0FT		Metal Film Resistor	20K ohm	+/-1%	1/4W
20699	RM0420K5FT		Metal Film Resistor	20.5K ohm	+/-1%	1/4W
20811	RM04215KFT		Metal Film Resistor	215K ohm	+/-1%	1/4 W
20701	RM0421K5FT		Metal Film Resistor	21.5K ohm	+/-1%	1/4W
16362	RM04220EFT		Metal Film Resistor	220 ohm	+/-1%	1/4W
16355	RM04220KFT		Metal Film Resistor	220K ohm	+/-1%	1/4W
20813	RM04221KFT		Metal Film Resistor	221K ohm	+/-1%	1/4W
20335	RM04226EFT		Metal Film Resistor	226 ohm	+/-1%	1/4W
20815	RM04226KFT		Metal Film Resistor	226K ohm	+/-1%	1/4W
16730	RM0422E1FT		Metal Film Resistor	22.1 ohm	+/-1%	1/4W
18825	RM0422K0FT		Metal Film Resistor	22K ohm	+/-1%	1/4W
20703	RM0422K6FT		Metal Film Resistor	22.6K ohm	+/-1%	1/4W
20817	RM04232KFT		Metal Film Resistor	232K ohm	+/-1%	1/4W
20337	RM04237EFT		Metal Film Resistor	237 ohm	+/-1%	1/4W
20819	RM04237KFT		Metal Film Resistor	237K ohm	+/-1%	1/4W
20197	RM0423E7FT		Metal Film Resistor	23.7 ohm	+/-1%	1/4W
20705	RM0423K7FT		Metal Film Resistor	23.7K ohm	+/-1%	1/4W
16364	RM04240EFT		Metal Film Resistor	240 ohm	+/-1%	1/4W
16366	RM04240KFT		Metal Film Resistor	240K ohm	+/-1%	1/4W
20821	RM04243KFT		Metal Film Resistor	243K ohm	+/-1%	1/4W
17696	RM04249EFT		Metal Film Resistor	249 ohm	+/-1%	1/4W
17463	RM04249KFT		Metal Film Resistor	249K ohm	+/-1%	1/4W
20198	RM0424E3FT		Metal Film Resistor	24.3 ohm	+/-1%	1/4W
20823	RM04255KFT		Metal Film Resistor	255K ohm	+/-1%	1/4W
19785	RM0425E5FT		Metal Film Resistor	25.5 ohm	+/-1%	1/4W
24014	RM0425K5FT	LIKET	Metal Film Resistor	25.5KΩ	+/-1%	1/4W
20825	RM04261KFT		Metal Film Resistor	261K ohm	+/-1%	1/4W
20339	RM04267EFT		Metal Film Resistor	267 ohm	+/-1%	1/4W

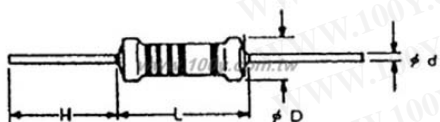


INTRODUCTION

MF series is a group of metal film resistors applying high Aluminum content base material vacuum sputtered by Ni-Cr alloy and excellent heat-and wet-proof special resin for protective coating. Those resistors are manufactured through integrated automatic production system and then have good stable and uniform property. Furthermore, they show excellent performance regardless open in air.

FEATURES

- High stability.
- Low noise, Low temperature coefficient.
- Precision characteristics.
- Variety of packaging-bulk, and taped, cut and formed supplied.



SPECIFICATION

TYPE	MAXIMUM WORKING VOLTAGE	MAXIMUM OVERLOAD VOLTAGE	RESISTANCE RANGE		TYPE		DIMENSION(mm)			
			±1%(F)	±0.5%(D)	MF	MFS	L±1	D±0.5	H±3	d±0.05
1/4W1/4W	250V	500V	10R~1M	10R~1M	1/4W	1/2W	6.3	2.4	28	0.56

DIMENSION

CHARACTERISTICS

CHARACTERISTIC	SPECIFICATION	TEST METHOD
DC RESISTANCE	Within specified tolerance	MIL-STD-202 Method 303
TEMPERATURE COEFFICIENT	As buyer requested ±10ppm/°C±50ppm/°C ±10ppm/°C±50ppm/°C	MIL-STD-202 Method 304
DIELECTRIC STRENGTH	No flashover or damage	MIL-STD-202 Method 301
INSULATION RESISTANCE	At least 1,000MΩ	MIL-STD-202 Method 302
CURRENT NOISE TEST	below 10K; below 0.05μ V/V 10K;~below 0.1 μ V/V below 1M7 below 0.2μ V/V	MIL-STD-202 Method 308
VIBRATION	ΔR with in ±(0.25%+0.05Ω)	MIL-STD-202 Method 201
TERMINAL STRENGTH	Lead is not break or loose	MIL-STD-202 Method 211
RESISTANCE TO SOLDERING HEAT	ΔR with in ±(0.25%+0.05Ω)	MIL-STD-202 Method 210

