



Resistors & Potentiometers

1/4W Metal Film Resistors

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

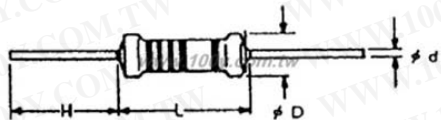


INTRODUCTION

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
1/4W/1/4W	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 0.1μ V/V below 1M7 below 0.2μ V/V	MIL-STD-202 Method 308
VIBRATION	ΔR with in ±(0.25%+0.05%)	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%+0.05%)	MIL-STD-202 Method 210
SOLDERABILITY	At least 95% coverage	MIL-STD-202 Method 208
THERMAL SHOCK	ΔR with in ±(0.5%+0.05%)	MIL-STD-202 Method 107

Part No.	Product No.	Description	Resistance data(Ω)	Tolerance(+/-)	Power W
20797	RM04174KFT	Metal Film Resistor	174K ohm	+/-1%	1/4W
20328	RM04178EFT	Metal Film Resistor	178 ohm	+/-1%	1/4W
20799	RM04178KFT	Metal Film Resistor	178K ohm	+/-1%	1/4W
20195	RM0417E8FT	Metal Film Resistor	17.8 ohm	+/-1%	1/4W
20691	RM0417K4FT	Metal Film Resistor	17.4K ohm	+/-1%	1/4W
20693	RM0417K8FT	Metal Film Resistor	17.8K ohm	+/-1%	1/4W
20801	RM04182KFT	Metal Film Resistor	182K ohm	+/-1%	1/4W
20330	RM04187EFT	Metal Film Resistor	187 ohm	+/-1%	1/4W
20803	RM04187KFT	Metal Film Resistor	187K ohm	+/-1%	1/4W
16132	RM0418E0FT	Metal Film Resistor	180 ohm	+/-1%	1/4W
20196	RM0418E7FT	Metal Film Resistor	18.7 ohm	+/-1%	1/4W
20695	RM0418K7FT	Metal Film Resistor	18.7K ohm	+/-1%	1/4W
20805	RM04191KFT	Metal Film Resistor	191K ohm	+/-1%	1/4W
20807	RM04196KFT	Metal Film Resistor	196K ohm	+/-1%	1/4W
20697	RM0419K6FT	Metal Film Resistor	19.6K ohm	+/-1%	1/4W
16358	RM041E00FT	Metal Film Resistor	1 ohm	+/-1%	1/4W
16348	RM041K00FT	Metal Film Resistor	1K ohm	+/-1%	1/4W
20364	RM041K02FT	Metal Film Resistor	1.02K ohm	+/-1%	1/4W
20366	RM041K05FT	Metal Film Resistor	1.05K ohm	+/-1%	1/4W
17460	RM041K10FT	Metal Film Resistor	1.1K ohm	+/-1%	1/4W
20370	RM041K13FT	Metal Film Resistor	1.13Kohm	+/-1%	1/4W
20372	RM041K15FT	Metal Film Resistor	1.15K ohm	+/-1%	1/4W
20374	RM041K18FT	Metal Film Resistor	1.18K ohm	+/-1%	1/4W
17041	RM041K20FT	Metal Film Resistor	1.2K ohm	+/-1%	1/4W
20376	RM041K24FT	Metal Film Resistor	1.24K ohm	+/-1%	1/4W
20378	RM041K27FT	Metal Film Resistor	1.27K ohm	+/-1%	1/4W
20380	RM041K33FT	Metal Film Resistor	1.33K ohm	+/-1%	1/4W
20382	RM041K37FT	Metal Film Resistor	1.37K ohm	+/-1%	1/4W
20384	RM041K43FT	Metal Film Resistor	1.43K ohm	+/-1%	1/4W
20386	RM041K47FT	Metal Film Resistor	1.47K ohm	+/-1%	1/4W
17698	RM041K50FT	Metal Film Resistor	1.5K ohm	+/-1%	1/4W
20388	RM041K54FT	Metal Film Resistor	1.54K ohm	+/-1%	1/4W
20390	RM041K58FT	Metal Film Resistor	1.58K ohm	+/-1%	1/4W
20393	RM041K65FT	Metal Film Resistor	1.65K ohm	+/-1%	1/4W
20395	RM041K69FT	Metal Film Resistor	1.69K ohm	+/-1%	1/4W
17043	RM041K74FT	Metal Film Resistor	1.74K ohm	+/-1%	1/4W

