



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
17261	RM0456K0FT		Metal Film Resistor		+/-1%	1/4W
20886	RM04576KFT		Metal Film Resistor	576K ohm	+/-1%	1/4W
20735	RM0457K6FT		Metal Film Resistor	57.6K ohm	+/-1%	1/4W
32636	RM045E60FT		Metal Film Resistor	5.6 ohm	+/-1%	1/4W
19783	RM045K10FT		Metal Film Resistor	5.1K ohm	+/-1%	1/4W
20161	RM045K11FT		Metal Film Resistor	5.11K ohm	+/-1%	1/4W
20622	RM045K23FT		Metal Film Resistor	5.23K ohm	+/-1%	1/4W
20623	RM045K36FT		Metal Film Resistor	5.36K ohm	+/-1%	1/4W
20626	RM045K49FT		Metal Film Resistor	5.49K ohm	+/-1%	1/4W
17263	RM045K60FT		Metal Film Resistor	5.6K ohm	+/-1%	1/4W
20627	RM045K76FT		Metal Film Resistor	5.76K ohm	+/-1%	1/4W
20888	RM04604KFT		Metal Film Resistor	604K ohm	+/-1%	1/4W
20737	RM0460K4FT		Metal Film Resistor	60.4K ohm	+/-1%	1/4W
20206	RM0461E9FT		Metal Film Resistor	61.9 ohm	+/-1%	1/4W
20347	RM04634EFT		Metal Film Resistor	634 ohm	+/-1%	1/4W
20890	RM04634KFT		Metal Film Resistor	634K ohm	+/-1%	1/4W
20207	RM0463E4FT		Metal Film Resistor	63.4 ohm	+/-1%	1/4W
20739	RM0463K4FT		Metal Film Resistor	63.4K ohm	+/-1%	1/4W
20892	RM04649KFT		Metal Film Resistor	649K ohm	+/-1%	1/4W
20741	RM0464K9FT		Metal Film Resistor	64.9K ohm	+/-1%	1/4W
20349	RM04665EFT		Metal Film Resistor	665 ohm	+/-1%	1/4W
20893	RM04665KFT		Metal Film Resistor	665K ohm	+/-1%	1/4W
11815	RM04665KFT		Metal Film Resistor	665K ohm	+/-1%	1/4W
20208	RM0466E5FT		Metal Film Resistor	66.5 ohm	+/-1%	1/4W
20743	RM0466K5FT		Metal Film Resistor	66.5K ohm	+/-1%	1/4W
17697	RM04680EFT		Metal Film Resistor	680 ohm	+/-1%	1/4W
17464	RM04680KFT		Metal Film Resistor	680K ohm	+/-1%	1/4W
20895	RM04681KFT		Metal Film Resistor	681K ohm	+/-1%	1/4W
16347	RM0468E0FT		Metal Film Resistor	68 ohm	+/-1%	1/4W
27922	RM0468K0FT	LIKET	Metal Film Resistor	68KΩ	+/-1%	1/4W
20351	RM04698EFT		Metal Film Resistor	698 ohm	+/-1%	1/4W
20897	RM04698KFT		Metal Film Resistor	698K ohm	+/-1%	1/4W
20745	RM0469K8FT		Metal Film Resistor	69.8K ohm	+/-1%	1/4W
20630	RM046K04FT		Metal Film Resistor	6.04K ohm	+/-1%	1/4W
17044	RM046K19FT		Metal Film Resistor	6.19K ohm	+/-1%	1/4W
20631	RM046K34FT		Metal Film Resistor	6.34K ohm	+/-1%	1/4W
20634	RM046K65FT		Metal Film Resistor	6.65K 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

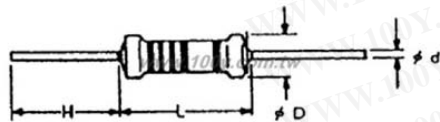
- High stability.
- Low noise, Low temperature coefficient.
- Precision characteristics.
- Variety of packaging-bulk, and taped, cut and formed supplied.



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
1/4W/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%+0.05Ω)	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
SHORT TIME OVERLOAD	ΔR with in ±(0.05%+0.05Ω)	MIL-R-10509
HUMIDITY	ΔR with in ±(1%+0.05Ω) No mechanical damage	MIL-STD-202 Method 103

