

FEATURES

- Small in size.
- Low in noise.
- High Stability, Reliability
- EIA Standard Color Coded
- Standard, AMMO pack, Tape & Reel available.
- 96 Values per decade.
- Quantity per reel:

MJ	= 5000
MK	= 5000
ML	= 4000
MM	= 2500

SPECIFICATIONS

Material

Coating: Epoxy
 Core: High grade ceramic.
 Terminals: Solder-coated copper lead.

Electrical

Max overload voltage:

MJ - 400 V	ML - 700 V
MK - 500 V	MM - 1000V

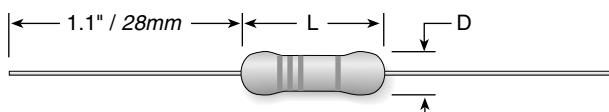
Derating: Linearly from 100% @ +70°C to 0% @ +155°C

Temperature coefficient:
 $\pm 50 \text{ ppm}/^\circ\text{C}$



Metal Devil®

Metal Film Resistors, 1% Tolerance
Available in E96 Ohmic values
Industrial grades; RoHS Compliant



ORDERING INFORMATION

RoHS Compliant

M K 1 0 0 1 F E - R 5 2

Series	Ohms	Tolerance
MJ	10R0 =	10 F = 1%
MK	1001 =	1,000
ML	1002 =	10,000
MM	1003 =	100,000

Packaging Code

R52 = tape & reel 52mm
 (except MM: R58 = Tape & Reel 58mm)

A52(26) = ammo pac 52mm (26mm)

Dimensions (in. / mm)						
Series	Wattage	Ohms	Max. Length	Max. Diam.	Voltage	Lead ga.
MJ	0.125	10-1M	0.138 / 3.5	0.073 / 1.85	200	24
MK	0.25	10-1M	0.268 / 6.8	0.099 / 2.5	250	22
ML	0.50	10-1M	0.355 / 9.0	0.118 / 3.0	350	22
MM	1.00	10-1M	0.473 / 12.0	0.199 / 5.0	500	20

Available in Cabinet Assortments (See Page 73)

AVAILABLE STANDARD VALUES (FOR STANDARD SIZES SHOWN ABOVE)

Ohmic value	Part No. Prefix ► Suffix ▼	MJ — 0.125	Wattage	Part No. Prefix ► Suffix ▼	MJ — 0.125	Wattage	Part No. Prefix ► Suffix ▼	MJ — 0.125	Wattage	Part No. Prefix ► Suffix ▼	MJ — 0.125	Wattage
		MJ — 0.25	ML — 0.50		MJ — 0.25	ML — 0.50		MJ — 0.25	ML — 0.50		MJ — 0.25	ML — 0.50
10.0	10R0F	✓	✓	✓	✓	✓	499.0	4990F	✓	✓	✓	✓
12.1	12R1F	✓	✓	✓	✓	✓	511.0	5110F	✓	✓	✓	✓
15.0	15R0F	✓	✓	✓	✓	✓	604.0	6040F	✓	✓	✓	✓
16.2	16R2F	✓	✓	✓	✓	✓	634.0	6340F	✓	✓	✓	✓
20.0	20R0F	✓	✓	✓	✓	✓	681.0	6810F	✓	✓	✓	✓
20.5	20R5F	✓	✓	✓	✓	✓	698.0	6980F	✓	✓	✓	✓
22.1	22R1F	✓	✓	✓	✓	✓	750.0	7500F	✓	✓	✓	✓
24.9	24R9F	✓	✓	✓	✓	✓	825.0	8250F	✓	✓	✓	✓
30.1	30R1F	✓	✓	✓	✓	✓	909.0	9090F	✓	✓	✓	✓
39.2	39R2F	✓	✓	✓	✓	✓	1000	1001F	✓	✓	✓	✓
49.9	49R9F	✓	✓	✓	✓	✓	1100	1101F	✓	✓	✓	✓
51.1	51R1F	✓	✓	✓	✓	✓	1210	1211F	✓	✓	✓	✓
60.4	60R4F	✓	✓	✓	✓	✓	1400	1401F	✓	✓	✓	✓
75.0	75R0F	✓	✓	✓	✓	✓	2000	2001F	✓	✓	✓	✓
82.5	82R5F	✓	✓	✓	✓	✓	2100	2101F	✓	✓	✓	✓
90.9	90R9F	✓	✓	✓	✓	✓	2430	2431F	✓	✓	✓	✓
100.0	1000F	✓	✓	✓	✓	✓	2490	2491F	✓	✓	✓	✓
133.0	1330F	✓	✓	✓	✓	✓	2740	2741F	✓	✓	✓	✓
143.0	1430F	✓	✓	✓	✓	✓	2800	2801F	✓	✓	✓	✓
150.0	1500F	✓	✓	✓	✓	✓	3010	3011F	✓	✓	✓	✓
182.0	1820F	✓	✓	✓	✓	✓	3240	3241F	✓	✓	✓	✓
200.0	2000F	✓	✓	✓	✓	✓	3320	3321F	✓	✓	✓	✓
221.0	2210F	✓	✓	✓	✓	✓	3830	3831F	✓	✓	✓	✓
249.0	2490F	✓	✓	✓	✓	✓	3920	3921F	✓	✓	✓	✓
301.0	3010F	✓	✓	✓	✓	✓	4220	4221F	✓	✓	✓	✓
332.0	3320F	✓	✓	✓	✓	✓	4320	4321F	✓	✓	✓	✓
342.0	3420F	✓	✓	✓	✓	✓	4530	4531F	✓	✓	✓	✓
402.0	4020F	✓	✓	✓	✓	✓	4640	4641F	✓	✓	✓	✓
422.0	4220F	✓	✓	✓	✓	✓	4750	4751F	✓	✓	✓	✓
432.0	4320F	✓	✓	✓	✓	✓	4990	4991F	✓	✓	✓	✓
475.0	4750F	✓	✓	✓	✓	✓	5110	5111F	✓	✓	✓	✓
							39,200	3922F	✓	✓	✓	✓