INTRODUCTION

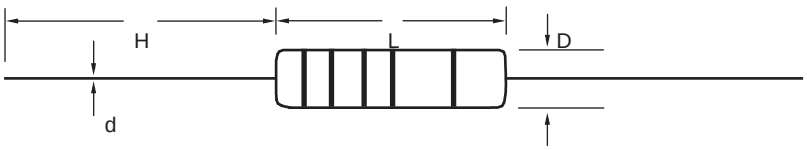
There are some similarities between Resistors and Fuses in material and structure. Fusible Resistor contain both functions, as being resistor in condition and changed into fuse while abnormal current comes in to protect machine and equipment. Since two functions performed by one resistor, the cost therefore saved.

FEATURES

- It is suitable for protecting circuit boards and design.
- Small in size with competitive price.
- Noncombustible insulating coat, "Freon" Proof and resistant to high temperature.
- Low temperature coefficient. (under ± 200ppm/ ◦c)
- Uniform in fusing time.

DIMENSIONS (mm)

Type	L	D	H	d
MFR-25	6.5 ± 0.5	2.3 ± 0.5	28 ± 2.0	0.56 ± 0.05
MFR-50	9.5 ± 0.5	3.2 ± 0.5	26 ± 2.0	0.60 ± 0.05
MFR-100	12.0 ± 1.0	4.5 ± 0.5	35 ± 3.0	0.80 ± 0.05
MFR-200	16.0 ± 1.0	5.5 ± 0.5	35 ± 3.0	0.80 ± 0.05



MO E24 Series Marking: 5 Color Bands
Last Band in White Color

POWER CHARACTERISTIC

ITEM \ Power Rated	MFR-25 0.25 W	MFR-50 0.5 W	MFR-100 1W	MFR-200 2 W
Max Working Voltage	200 V	250 V	250 V	250V
Max Intermittence Overload Voltage	3 TIMES OF RATED VOLTAGE (NOTE1)			
Dielectric Withstanding Voltage	350 V (AC)	350 V (AC)	600 V (AC)	1000 V (AC)
Resistance Tolerance	J (± 5%)			
Resistance Range (Ω)	1.0 ~ 470Ω	1.0 ~ 560Ω	1.0 ~ 560Ω	1.0 ~ 560Ω

NOTE1. Rated Continuous Working Voltage (RCWV) Shall Be Determined From

RCWV = $\sqrt{\text{Power Rating x Resistance Value}}$

POWER DERATING CURVE