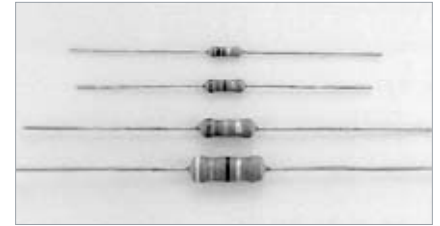




Paint Insulated Fusible Resistors, Flame Proof

Feature

Model No. "FMR" is fusible resistor open within 60 sec. after loading 9~25 times rated power.
 Model No. "FMR" is a resistor with insulated coating approved by UL 94V-0



Power Rating

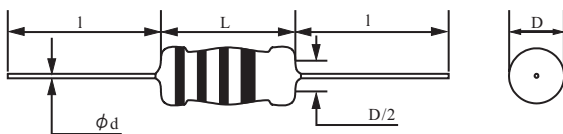
Model No.	Power Rating	Max. Open Circuit Voltage	Max. Overload Voltage	Resistance Range	Tolerance	T.C.R.	Rating Ambient Temp.	Operating Temp. Range
	[W]	[V]	[V]	[Ω]	[%]	[ppm/°C]	[°C]	[°C]
FMR1/4W	0.25	200	2.5 times of rated voltage	0.1~10k	±5 ±10	±350 (±500 for less than 10Ω)	+70	-25~+200
FMR1/2W	0.5	250		0.1~10k				
FMR 1W	1.0	300		0.1~10k				
FMR 2W	2.0	300		0.1~4.7k				

★Rated Voltage: $\sqrt{P \cdot R}$ P=Rated power(W) R=Nominal resistance (Ω)

★Max. open circuit voltage: Referring to maximum value of the voltage that can be applied between terminals of the resistor when the resistor is opened in an electric circuit.

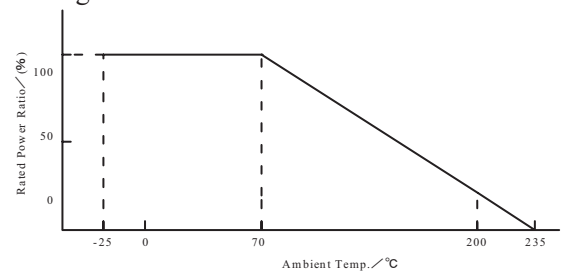
Max. open circuit voltage shall be 30 times of the rated voltage or Max. open circuit voltage listed above, whichever lower.

Dimensions



Model No.	Dimensions(mm)			
	L	D	l	d
FMR1/4W	6.5±1.0	2.0±0.5	30±3	0.5±0.1
FMR1/2W	8.5±1.0	3.0±1.0	30±3	0.6±0.1
FMR 1W	11.0±1.5	4.5±1.0	38±3	0.8±0.1
FMR 2W	15.0±1.5	6.0±1.0	38±3	0.8±0.1

Derating Curve



Model Designation

FMR 1W 102 J TU
 ① ② ③ ④ ⑤

	Symbol	Meaning
①	Model No.	FMR PAINT INSULATED FUSIBLE RESISTORS, FLAME PROOF
②	Power Rating	1/4W 0.25W
		1/2W 0.5W
		1W 1.0W
		2W 2.0W
③	Resistance	102 3 digit E-24 Series For detail description about resistance marking, please refer to "General Specifications."
④	Tolerance	J ± 5.0%
		K ±10.0%
⑤	Forming, Packaging	No Marking Bulk
		TU, TP Axial Taping
		L Stand-off forming
		For detail description about forming and taping specification, please refer to Taping Specification page in "General Specifications."