

MOF 휴즈형 금속피막 저항기

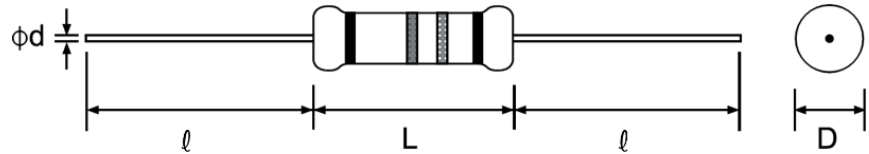
FUSIBLE METAL FILM RESISTORS

특징 FEATURES

- * MOF, MOFS are fusible metal film resistors. These resistor have same characters of general resistors, but when is applied an over electric current prescribed, these is fused and the current.
- MOFS is small type and suitable to be minimized space in the circuit.
- Function as resistor in normal condition.
- Safe without flaming due to flame proof coating.
- Quick open at an excessive over load.
- High reliability for performance



치수 DIMENSIONS



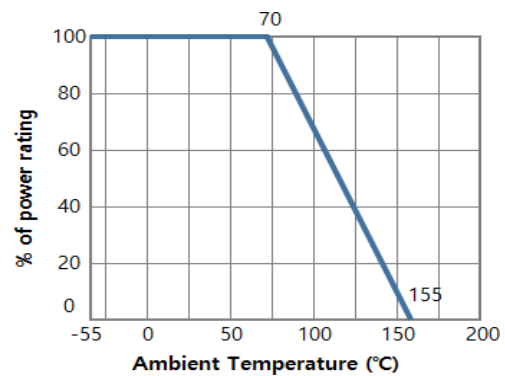
일반규격 GENERAL SPECIFICATIONS

형 명 Type	정격전력 Rated Wattage	치 수 Dimensions [mm]				내전압 Dielectric With Voltage	저항치범위 Resistance Range	저항치허용차 Resistance Tolerance
		D±0.5	L±1.0	d ±0.05	ℓ ±2			
MOF 1/4W	0.25W	2.4	6	0.55	23	250V	0.05~470Ω	±2% (G) ±5% (J) ±10% (K)
MOFS 1W	1W	3.5	9	0.67	31.5	350V	0.05~1.0KΩ	
MOF 1W, MOFS 2W	1W, 2W	4	11	0.67	31	500V		
MOF 2W	2W	5.5	15	0.77	28.5			

정격 RATED POWER

Characteristics		Specification
Range of using temp		-55°C ~ +155°C
Ambient temperature		70°C
Open circuit voltage	0.25W	200V
	0.5W	250V
	1W	350V
	2W	350V

전력경감곡선 DERATING CURVE



특성 CHARACTERISTICS

항목 ITEM	성능 Performance	시험방법 Test method
Temperature coefficient	±350ppm/°C	$TCR = \frac{(R_2 - R_1) \times 10^6}{R_1 \times (t_2 - t_1)}$ $t_1: 25^\circ\text{C}, t_2: 125^\circ\text{C}$ $R_1: \Omega \text{ at } t_1, R_2: \Omega \text{ at } t_2$
Short Time Overload	±[2.0% + 0.05Ω]	2.5×Power rating 5seconds
Resistance against Soldering	±[2.0% + 0.05Ω]	260 ±5°C for 10seconds
Load Life in Humidity	±[5.0% + 0.1Ω]	40°C, 90~95%RH, 0.1×Power rating, 90minutes on, 30minutes off, 1000hours
Load Life	±[5.0% + 0.1Ω]	25°C, Power rating 90minutes on, 30minutes off, 1000hours
Fusing Characters	• Residual resistance 100 times nominal resistance • ARC discharge must not arise. • Maximum electric current must be Below twice.	Rated Power×16, Within 60seconds