



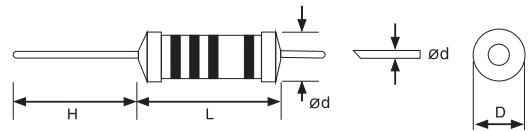
MO 金屬氧化皮膜電阻器(不燃性) MENTALOXIDE FILM FIXED RESISTORS

金屬氧化膜電阻器(MO)

■ 訂貨方式 HOW TO ORDER

MO	1/4W	P	4K7	J
a	b	c	d	e

a: 名稱	Product code
b: 額定電力	Rated power of element
c: 形式	Type
d: 電阻值	Resistance value
e: 容許誤差	Tolerance(J: ±5%)



■ P-Type DIMENSION

Type	Body		Lead	
	L ± 1	D ± 0.5	H ± 2	ød ± 0.05
1/4W, 1/2 WS	6.5	2.4	26	0.48
1/2W, 1WS	9.2	3.3	25	0.55
1W, 2WS	11	4.5	33	0.68
2W, 3WS	15	5.0	33	0.75
3W, 5WS	18	6.0	32	0.75
5W	26	8.0	38	0.75

■ 特點

1. 在高溫使用下具有年年安定變化甚少
2. 低雜音，過負荷能力強
3. 可代繞綫電阻所不能生產之高阻值電阻
4. SS(小型尺寸)較一般型縮小，含氧化鋁高達85~89%使電阻能降低表面溫升，表面塗料為淺粉紅色區分

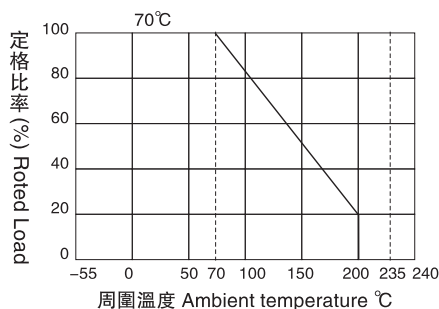
■ FEATURES

1. Metal oxide film resistors has keep quality stable under high temperature operation. Annual shift is low.
2. Low noise.
3. Rsn. Can produce high resistor value which wire wound resistor resistor can not reach
4. Standard toleranc e: ±2%、±5%

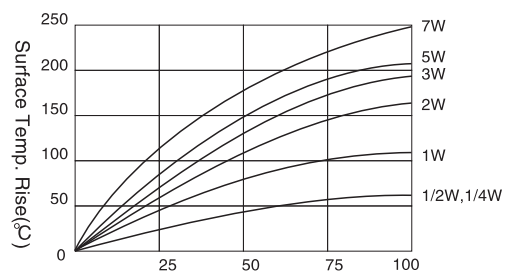
■ GENERAL SPECIFICATION

Power Rating AT 70°C	Resistance Range	Max.Continuous Working Voltage	Max. Overload Voltage	Max. Withstanding Voltage
1/4W, 1/2 WS	0.1 Ω-100 KΩ	250 V	400 V	250 V
1/2W, 1WS	0.1 Ω-100 KΩ	350 V	700 V	350 V
1W, 2WS	0.1 Ω-100 KΩ	350 V	700 V	350 V
2W, 3WS	0.1 Ω-100 KΩ	350 V	700 V	350 V
3W, 5WS	0.1 Ω-100 KΩ	500 V	1000 V	500 V
5W	0.1 Ω-100 KΩ	500 V	1000 V	500 V

■ DERATING CURVE



■ HOT-SPOT TEMPERATURE



■ CHARACTERISTICS

測試項目 Test Items	Condition	Specified Value
溫度系數 Resistance Temp. Coefficient of	-55°C to +155°C	± 350 PPM/°C
短時間過負荷 Short Time Over Load	2.5 Time of rated voltage for 5 sec. AC or DC	± (2%+0.05 Ω)
絕緣電阻 Insulation Resistance	500 V Megger	200 MΩ
溫度循環 Temperature Cycling	-30°C~155°C 5 Cycles	± 1%
負荷壽命 Load Life (70°C)	70°C on-off cycle 1000 hrs	± 5%
耐濕負荷壽命 Moisture Load Life (40°C 96% RH)	40°C 95% RH on-off cycle 1000 hrs	± 5%
耐電壓 Dielectric Withstanding Voltage	in V-block for 60 seconds	no change
耐焊熱 Resistance to Soldering Heat	350°C ± 10°C for 3 ± 0.5 seconds	± (1%+0.05 Ω)
脈動過負荷 Pulse Overload	4 Times RCWV 1000 cycles(1 sec. On, 25 sec. Off)	± (2%+0.05 Ω)
不燃性 Incombustility	16 time of rated wattage for 5 min	No flamed