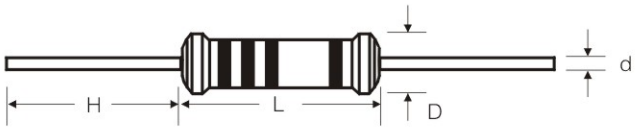
FLAMEPROOF TYPE METAL OXIDE FILM RESISTOR 不燃性金屬氧化膜電阻器

MOF

12.5 (25S)
25 (50S)
50 (100S)
100 (200S)
200 (300S)
300 (500S)
500

- TOLERANCE 誤差： ±2%, ±5%
- RESISTANCE VALUE RANGE 阻值範圍： 10 OHM – 820K OHM
- TESTING STANDARD 測試標準： JISC 5202

DIMENSIONS 尺寸



Unit: mm

TYPE 型號	MEASUREMENT 外型尺寸			
	L	D	H	d
MOF12.5(MOF25S)	4.0 ± 0.5	1.7 ± 0.5	26.5 ± 1.0	0.38 ± 0.05
MOF25(MOF50S)	6.0 ± 1.0	2.3 ± 0.5	26 ± 1.0	0.41 ± 0.05
MOF50(MOF100S)	9.0 ± 1.0	3.0 ± 0.5	25 ± 1.0	0.48 ± 0.05
MOF100(MOF200S)	11.0 ± 1.5	4.0 ± 0.5	24 ± 1.0	0.55 ± 0.05
MOF200(MOF300S)	15.0 ± 1.5	5.0 ± 0.5	23 ± 1.0	0.70 ± 0.05
MOF300(MOF500S)	17.0 ± 1.5	6.0 ± 0.5	25 ± 1.0	0.70 ± 0.05
MOF500	24.0 ± 1.5	8.5 ± 0.5	20(28) ± 1.0	0.78 ± 0.05

ELECTRICAL CHARACTERISTICS 電器特性

ALL MEASUREMENTS ARE TAKEN AT 25℃ AT 1KHZ AND 65% RELATIVE HUMIDITY, UNLESS OTHERWISE STATED
所有測試必須在環境温度25℃及濕度65%的條件下進行

DESCRIPTION 內容	MOF-12.5	MOF-25 (MOF-25S)	MOF-50 (MOF-50S)	MOF-100 (MOF-100S)	MOF-200 (MOF-200S)	MOF-300 (MOF-300S)	MOF-500 (MOF-500S)
STANDARD VALUE RANGE 標準阻值範圍	1Ω–510KΩ	1Ω–510KΩ	1Ω–510KΩ	1Ω–510KΩ	1Ω–510KΩ	1Ω–510KΩ	1Ω–510KΩ
POWER RATING AT 70℃ 額定功率(70℃)	1/8W	1/4W	1/2W	1W	2W	3W	5W
MAX WORKING VOLTAGE 最高使用電壓	200V	250V (200V)	250V (250V)	350V (250V)	350V (350V)	500V (350V)	750V (500V)
MAX OVERLOAD VOLTAGE 最高過負荷電壓	400V	600V (400V)	600V (600V)	600V (600V)	600V (600V)	800V (600V)	1000V (800V)
OPERATING TEMPERATURE RANGE 使用温度範圍	–40℃~+200℃	–40℃~+200℃	–40℃~+200℃	–40℃~+200℃	–40℃~+200℃	–40℃~+200℃	–40℃~+200℃
STANDARD T.C.R 標準温度特性	±350PPM	±350PPM	±350PPM	±350PPM	±350PPM	±350PPM	±350PPM
TEMPERATURE CYCLING 温度循環	±(1% R +0.05Ω)	±(1% R +0.05Ω)	±(1% R +0.05Ω)	±(1% R +0.05Ω)	±(1% R +0.05Ω)	±(1% R +0.05Ω)	±(1% R +0.05Ω)
INSULATION RESISTANCE 絶緣電阻	MIN.1,000MΩ	MIN.1,000MΩ	MIN.1,000MΩ	MIN.1,000MΩ	MIN.1,000MΩ	MIN.1,000MΩ	MIN.1,000MΩ
HUMIDITY 耐濕負荷壽命	±(2.5% R +0.05Ω)	±(2.5% R +0.05Ω)	±(2.5% R +0.05Ω)	±(2.5% R +0.05Ω)	±(2.5% R +0.05Ω)	±(2.5% R +0.05Ω)	±(2.5% R +0.05Ω)
SHORT-TIME OVERLOAD 短時間過負荷	±(2.5% R +0.05Ω)	±(2.5% R +0.05Ω)	±(2.5% R +0.05Ω)	±(2.5% R +0.05Ω)	±(2.5% R +0.05Ω)	±(2.5% R +0.05Ω)	±(2.5% R +0.05Ω)
SOLDERABILITY 焊錫性	MIN.80% COVERED	MIN.80% COVERED	MIN.80% COVERED	MIN.80% COVERED	MIN.80% COVERED	MIN.80% COVERED	MIN.80% COVERED
VIBRATION 耐震性	±(1.5% R +0.05Ω)	±(1.5% R +0.05Ω)	±(1.5% R +0.05Ω)	±(1.5% R +0.05Ω)	±(1.5% R +0.05Ω)	±(1.5% R +0.05Ω)	±(1.5% R +0.05Ω)
LOAD LIFE 負載壽命	±(5% R +0.15Ω)	±(5% R +0.15Ω)	±(5% R +0.15Ω)	±(5% R +0.15Ω)	±(5% R +0.15Ω)	±(5% R +0.15Ω)	±(5% R +0.15Ω)

The working voltage is calculated based on the rcsistance value following the formula of $V=\sqrt{(P*R)}$ or to its maximum extent as indicated above
The overload voltage is calculated based on the rcsistance value following the formula of $V=25*\sqrt{(P*R)}$ or to its maximum extent as indicated above