

FUSIBLE METAL FILM RESISTOR 熔斷性金屬膜電阻器



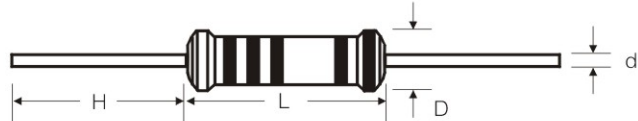
FR

25
50
100
200

- RESISTANCE VALUE RANGE 供應阻值範圍：1 OHM – 1K OHM
- TOLERANCE 誤差：±5%

SPECIAL FEATURES 特性

FUSIBLE METAL FILM RESISTOR PERFORMS TWO FUNCTIONS AT ONE TIME. IT FUNCTIONS AS A RESISTOR IN NORMAL CONDITION AND CHANGES INTO A FUSE WHEN ABNORMAL CURRENT PASSES THROUGH SO AS TO PROTECT THE OTHER COMPONENT PARTS ON THE P.C. BOARD.



DIMENSIONS 尺寸

Unit: mm

TYPE 型號	MEASUREMENT 外型尺寸			
	L	D	H	d
FR25	6.0 ± 1.0	2.3 ± 0.5	26 ± 1.0	0.41 ± 0.05
FR50	9.0 ± 1.0	3.0 ± 0.5	25 ± 1.0	0.48 ± 0.05
FR100	11.0 ± 1.5	4.0 ± 0.5	24 ± 1.0	0.55 ± 0.05
FR200	15.0 ± 1.5	5.0 ± 0.5	23 ± 1.0	0.70 ± 0.05

SPECIFICATIONS 規格

TYPE 型號	POWER RATING 額定功率	MAX. WORKING VOLTAGE 最高使用電壓	MAX. OVERLOAD VOLTAGE 最高過負荷電壓	RESISTANCE TOLERANCE 誤差	VALUE RANGE 阻值範圍
FR25	0.25W	200V	250V	J(±5%)	1 ohm – 1K
FR50	0.5W	250V	250V		1 ohm – 1K
FR100	1W	300V	350V		1 ohm – 1K
FR200	2W	300V	350V		1 ohm – 1K

ELECTRICAL CHARACTERISTICS 電器特性

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

DESCRIPTION 內容	SPECIFICATIONS 規格	TEST METHOD 測試方法
OPERATING TEMPERATURE RANGE 使用溫度範圍	-40°C ~ +155°C	-
STANDARD T.C.R 標準溫度特性	± 350PPM/°C	JIS C 5202.5.2
SHORT-TIME OVERLOAD 短時間過負荷	± (2%+0.05 Ω)	JIS C 5202.5.5
RESISTANCE TO SOLDERING HEAT 耐熱性	± (1%-0.05 Ω)	JIS C 5202.6.4
TEMPERATURE CYCLING 溫度循環	± (1%-0.05 Ω)	JIS C 5202.7.4
HUMIDITY 耐濕負荷壽命	± (5%-0.05 Ω)	JIS C 5202.7.9
LOAD LIFE 負載壽命	± (5%-0.05 Ω)	JIS C 5202.7.10

FUSING CHARACTERISTICS 熔斷特性

MAGNIFICATION OF POWER RATING 額定功耗倍率	FUSING TIME (SECONDS秒) 熔斷時間		
	<2Ω	2Ω 10Ω	>10Ω
12	60	60	30
16	60	30	30
25	60	30	60

