

# MELF RESISTOR 無引線精密金屬電阻器



# RJM

74P0204  
75P0207  
76M0207  
77M0411  
78M0617

## TESTING REQUIREMENTS 測試說明

All tests are carried out in accordance with the following specifications 所有測試根據以下規格

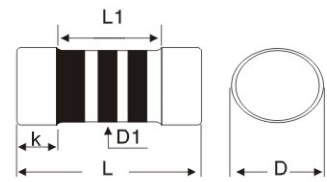
- EN 140000/IEC 60115-1, generic specification (includes tests)
- EN 140000/IEC 60115-8, sectional specification (includes schedule for qualification approval)

Temperature coefficient 溫度系數 (ppm/°C)

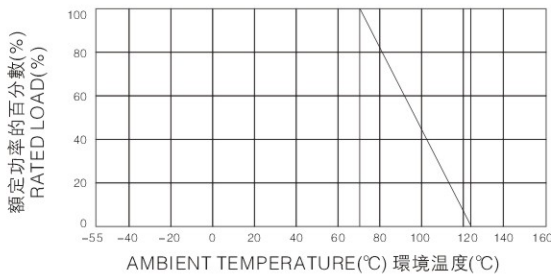
- CECC40401-803, detailed specification (includes schedule for conformance inspection)

For testing, the components are mounted on a test board in accordance with IEC 60115-1.4.31 unless otherwise specified.

在測驗過程中，根據IEC60115-1.4.31 所有元件都要貼在測試板上，除非另外特別闡明。



## POWER DERATING CURVE 降功耗曲線



## DIMENSIONS 尺寸

TYPE 型號	MEASUREMENT 外型尺寸				
	Lmax	L1max	Dmax	D1max	Kmax
RJM74P0204	3.8	1.7	1.5	1.5	1.0
RJM75P0207	6.0	3.1	2.3	2.3	1.5
RJM76M0207	6.0	3.4	2.3	2.3	1.5
RJM77M0411	9.0	5.1	3.3	3.3	2.0
RJM78M0617	12.0	8.3	4.0	4.0	2.5

## TECHNICAL SPECIFICATIONS 技術規格

TYPE 型號	POWER RATING 額定功率	MAX WORKING VOLTAGE 最高使用電壓	INSULATION VOLTAGE 絕緣電壓	VALUE RANGE 阻值範圍	(+25~85°C) TCR (PPM/°C) 電阻溫度系數	TOLERANCES 誤差	POWER RATING AMBIENT TEMPERATURE 額定功率環境溫度	OPERATING TEMPERATURE 使用溫度範圍
RJM74P0204	0.25 W	250 V	350 V	0.1~2MΩ	±5 ±10 ±15 ±25 ±50 ±100	±0.05% ±0.1% ±0.25% ±0.5% ±1% ±5%	-55~70°C	-55~125°C
RJM75P0207	0.5 W	300 V	500 V	0.1~15MΩ				
RJM76M0207	1 W	350 V	500 V	0.1~22MΩ				
RJM77M0411	2 W	400 V	500 V	0.1~22MΩ				
RJM78M0617	3 W	450 V	500 V	0.1~22MΩ				

## PERFORMANCE TEST 性能測試

TEST ITEM 試驗項目	SPECIFICATIONS 性能要求	TEST METHOD 測試方法
SOLDERABILITY 焊錫性	≥95%	235 ± 5°C 2 ± 0.5s
SHORT TIME OVERLOAD 短時間過負荷	$\Delta R \leq \pm (0.25\%R + 0.05\Omega)$	2.5V, 5s
THERMAL SHOCK 溫度衝擊	$\Delta R \leq \pm (0.2\%R + 0.05\Omega)$	-65~150°C, 5cycles
LEACHING 耐焊接熱	$\Delta R \leq \pm (0.1\%R + 0.05\Omega)$	260 ± 10°C, 10 ± 1s
RESISTANCE TO MOISTURE 耐濕	$\Delta R \leq \pm (0.5\%R + 0.05\Omega)$	-10~65°C, RH>90%, 240H
ENDURANCE AT 70°C 耐久性	$\Delta R \leq \pm (1\%R + 0.1\Omega)$	70 ± 2°C, P <sub>R</sub> 1000H

