



AN ISO 9001: 2008 CERTIFIED MANUFACTURER

AN OHSAS 18001: 2007 MANUFACTURER

AN ISO 14001: 2004 MANUFACTURER



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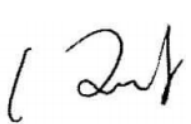

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DATA SHEET

Name of Product : **RJM HIGH PRECISION MELF RESISTORS**

Sales Executive :

Date : 1 / 29 / 2018

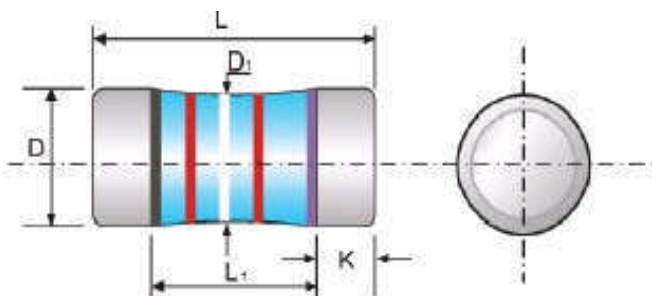
Prepared by	Inspected by	Audited by	Authorized by
			
customer approval	customer approval	customer approval	customer approval

Spec.No.: RJM 2018

Rev.Date: Jan. 29. 2018



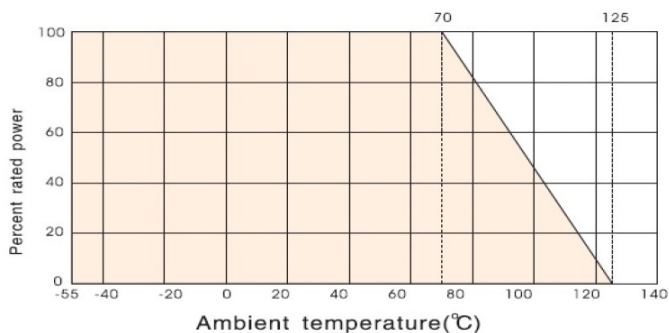
■ CONSTRUCTION (mm)



■ DIMENSIONS (mm)

(size)	L±0.3	L1max	D±0.2	D1max	Kmax
RJM73P0102	2.2	1.2	1.1	1.1	0.4
RJM74P0204	3.5	1.7	1.4	1.5	1.0
RJM75P0207	5.7	3.5	2.2	2.3	1.5
RJM76M0207	5.7	3.5	2.2	2.3	1.5
RJM77M0411	8.7	5.5	3.1	3.3	2.0
RJM78M0617	10.7	6.5	4.1	4.3	2.5

■ DERATING CURVE



■ FEATURES

- SMD structure
- Conformal multi-layer coating moisture proof
- Low TCR
- High precision, high stability
- Excellent solderability termination
- Blue or green flame-retardant coating
- Colour Code Taping Reel or Bulk

■ APPLICATIONS

- Electric instruments, equipments, TV,
- audio, air-conditioning and other

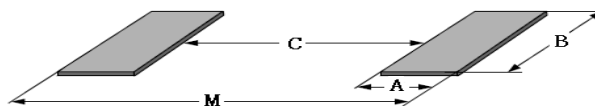
electrical equipment

- Electronic weighing apparatus

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■ PAD SIZE



TYPE	RECOMMENDED SOLDER PAD DIMENSIONS			
	C (mm)	A (mm)	B (mm)	M (mm)
RJM74P0102	1.2	1.3	1.7	3.0
RJM74P0204	1.6	1.3	1.7	4.2
RJM75P0207	3.1	1.8	2.5	6.8
RJM76M0207	3.1	1.8	2.5	6.8
RJM77M0411	5.1	2.5	3.5	9.5
RJM78M0617	6.1	3.2	4.5	11.9

■ REFERENCE STANDARDS

- GB/T 5729-2003
- SJ/T 10571-1994
- SJ/T 10572-1994
- SJ/T 10573-1994
- SJ/T 10574-1994

■ TECHNICAL SPECIFICATIONS

Type	(W) Power Rating	Max Working Voltage (V)	Insulate Voltage (V)	Resistance Range (Ω)	(+25~85°C) TCR (ppm/°C)	Tolerances	Power Rating Ambient Temperature	Operating Temperature
RJM73P0102	0.2	150	200	0.22~2M	±5 ±10 ±15 ±25 ±50 ±100	±0.05% ±0.1% ±0.25% ±0.5% ±1% ±5%	-55~70°C	-55~125°C
RJM74P0204	0.25	250	350	0.1~2M				
RJM75P0207	0.5	300	500	0.1~22M				
RJM76M0207	1	350	500	0.1~22M				
RJM77M0411	2	400	500	0.1~22M				
RJM78M0617	3	500	500	0.1~22M				

■ PERFORMANCE

Test Item	Specifications	Test method
Soldeability	≥95%	235±5°C 2±0.5s
Short time overload	$\Delta R \leq \pm (0.25R + 0.05 \Omega)$	2.5V _R , 5s
Thermal shock	$\Delta R \leq \pm (0.2R + 0.05 \Omega)$	-65~150°C, 5cycles
Leaching	$\Delta R \leq \pm (0.1R + 0.05 \Omega)$	260±10°C, 10±1s
Resistance to moisture	$\Delta R \leq \pm (0.5R + 0.05 \Omega)$	-10~65°C, RH>90%, 240H
Endurance at 70°C	$\Delta R \leq \pm (1R + 0.1 \Omega)$	70±2°C, P _R 1000H

■ How To Order

■ Example

RJM74P	0204	10K	B	B	T
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Type	Style	Nominal Value	Tolerance	TCR	Pakaging
RJM73P	0102		W: ±0.05%	S: ±5ppm	tape
RJM74P	0204		B: ±0.1%	B: ±10ppm	
RJM75P	0207		C: ±0.25%	N: ±15ppm	
RJM76M	0411		D: ±0.5%	C: ±25ppm	
RJM77M	0617		F: ±1%	D: ±50ppm	
RJM78M			J: ±5%	E: ±100ppm	