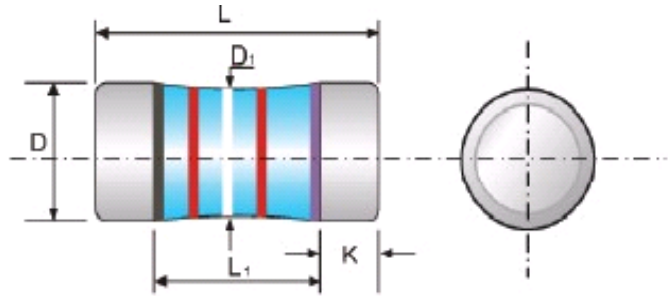


# RME HIGH PRECISION MELF RESISTORS



## ■ CONSTRUCTION (mm)



## ■ FEATURES

- SMD Surface Mount
- Moisture-proof multi-layer packaging
- Low temperature coefficient
- High precision and high stability
- Excellent solderability terminals
- Blue or green coating, color ring logo, taping or bulk packaging

## ■ DIMENSIONS (mm)

Size	$L \pm 0.3$	$L_{1max}$	$D_{max}$	$D_{1max}$	$K_{max}$
RME-0204	3.5	1.7	1.5	1.5	1.0
RME-0207	5.7	3.5	2.3	2.3	1.5
RME-0207	5.7	3.5	2.3	2.3	1.5
RME-0411	8.7	5.5	3.3	3.3	2.0
RME-0617	10.7	6.5	4.3	4.3	2.5

- 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

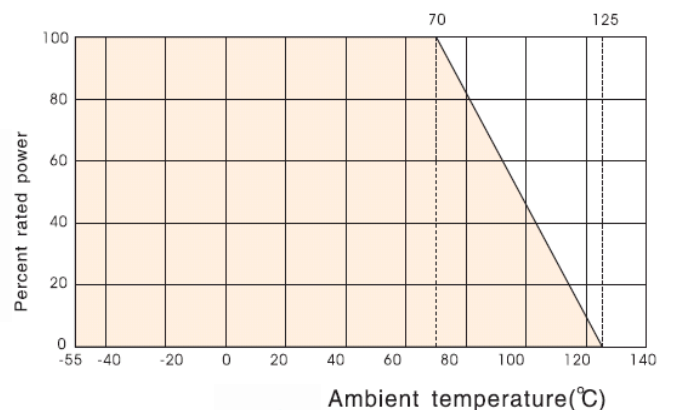
## ■ APPLICATIONS

- Electronic scale
- Electric instruments, equipments, TV, audio, air-conditioning and other electrical equipment
- Electronic weighing apparatus

## ■ REFERENCE STANDARDS

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

## ■ DERATING CURVE



# RJM HIGH PRECISION MELF RESISTORS

## ■ TECHNICAL SPECIFICATIONS

Type	Power Rating	Max Working Voltage(V)	Insulate Voltage(V)	Resistance Range (Ω)	(+25~85℃) TCR (ppm/℃)	Tolerances	Power Rating Ambient Temperature	Operating Temperature
RME-0204	0.25	250	350	0.1~2M	±5	±0.05%	-55~70℃	-55~125℃
RME-0207	0.5	300	500	0.1~22M	±10	±0.1%		
RME-0207	1	350	500	0.1~22M	±15 ±25	±0.25% ±0.5%		
RME-0411	2	400	500	0.1~22M	±50	±1%		
RME-0617	3	500	500	0.1~22M	±100	±5%		

## ■ PERFORMANCE

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

## ■ How To Order

Example

<b>RME</b>	<b>1K</b>	<b>1W</b>	<b>0204</b>
<b>Type</b>	<b>Nominal Value</b>	<b>Power Rating</b>	<b>Style</b>
RME	1K=1K Ω 4K7=4.7K Ω 1E=1 Ω 330E=330 Ω 1M=1M Ω	1/4W 1/2W 1W	0204 0207 0411 0617