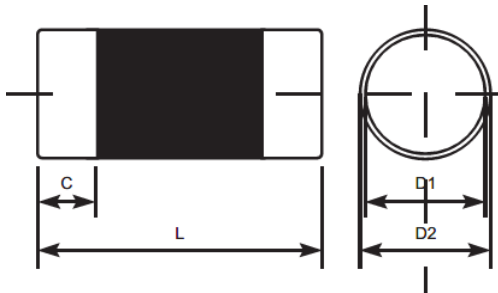




■ Features

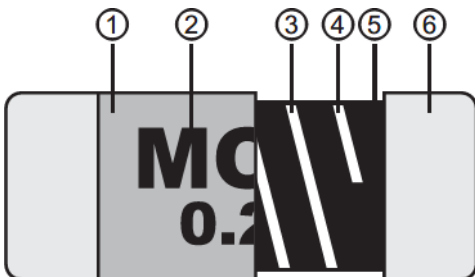
- * Small size power type resistors and SMD type.
- * High reliability.
- * Products meet RoHS requirement.

■ Dimension



Size Code	Dimension (mm)			
	L	D1	D2 Max	C Min
C (0207)	5.9±0.2	2.20±0.1	2.4	0.5
D (0309)	8.5±0.2	3.20±0.2	3.4	0.5
E (0411)	10.5±1.0	3.80±0.5	3.9	2.2
G (0416)	16.5±1.0	4.50±0.3	4.6	2.2

■ Construction

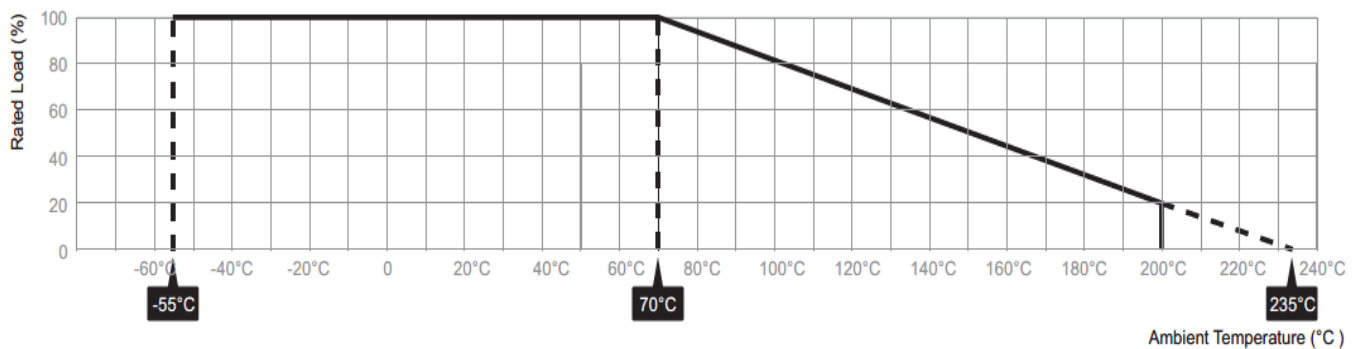


Item		Material
①	Insulation Coating	Epoxy Molding(Color : Black)
②	Marking	Printed
③	Cutting Line	-
④	Ceramic Core	Aluminum Material
⑤	Resistive Film	Metal Film
⑥	Terminal	Terminal Cap

■ Rated Power

Type	Rated Power	Max working Voltage	Max overload Voltage	Dielectric withstanding Voltage	Resistance Range	Operating temperature range
MOMC-25	0.25W	200V	350V	500V	10Ω~22KΩ	-55°C~+155°C
MOMD-50	0.5W	250V	400V	500V	10Ω~75KΩ	
MOME-100	1W	350V	600V	750V	10Ω~100KΩ	
MOMG-200	2W	350V	600V	750V	10Ω~120KΩ	
MOMC-50S	0.5W	250V	400V	500V	10Ω~22KΩ	
MOMD-1WS	1W	350V	600V	750V	10Ω~68KΩ	
MOME-2WS	2W	350V	600V	750V	10Ω~68KΩ	
MOMG-3WS	3W	350V	600V	750V	10Ω~100KΩ	

Derating Curve



備註：在環境溫度70°C以上時，應按照上圖負荷特性曲線，額定功率比隨之減少。

Note : for resistors operated in ambient temperatures above 70°C, power rating must be derated in accordance with the above curve.

Characteristics

Item	Performance	Test methods
Temperature coefficient	within $\pm 350\text{PPM}/^\circ\text{C}$.	$\frac{R_1 - R_0}{R_1(T_1 - T_0)} \times 10^6 (\text{PPM}/^\circ\text{C})$ R_0 : Resistance value at room temp. (T_0). R_1 : Resistance value at room temp. plus 100°C (T_1).
Short time overload	within $\pm(1\%+0.05\Omega)$ No evidence of mechanical damage.	Rated voltage $\times 2.5$ for 5 sec.
Resistance to soldering heat	within $\pm(1\%+0.05\Omega)$ No evidence of mechanical damage.	$350\pm 10^\circ\text{C}$, $3.5\pm 0.5\text{sec}$ or $260\pm 5^\circ\text{C}$, $10\pm 1\text{sec}$. After test leave for 3h.
Solderability	More than 95% of the total area of the electrode part shall be covered with new solder.	Test temperature of solder : $235\pm 5^\circ\text{C}$. Dipping time in solder : $5\pm 0.5\text{sec}$.
Resistance to solvent	No deterioration of protective coating and markings.	Specimens shall be immersed in a bath of isopropyl salcohol completely for 3 minutes with ultraoic.
Load life	within $\pm(5\%+0.05\Omega)$	$70\pm 3^\circ\text{C}$, 1000h. Rated voltage(90 min ON, 30 min OFF)
Pulse overload	within $\pm(5\%+0.05\Omega)$	Rated voltage $\times 4$ times, 10000 cycle (1s ON, 25s OFF). But not to exceed maximum overload voltage.