

Coating Color : Pink ,Grey.

塗裝色: 粉紅色, 灰色

(0204;0207)

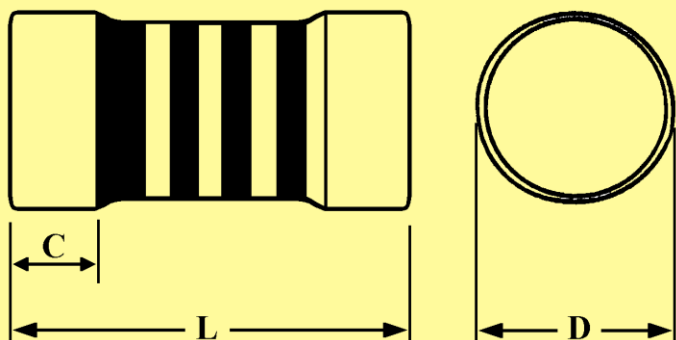
Marking : Color Bands.

※3 bands : 1ST = Number,

2ND = Number,

3RD = Multiplier.

(Non - inflammable insulating silicon coating)



Coating Color : Pink ,Grey.

塗裝色: 粉紅色, 灰色

(0309;0411;0515)

Marking : Color Bands.

※4 bands: 1ST = Number,

2ND = Number,

3RD = Number,

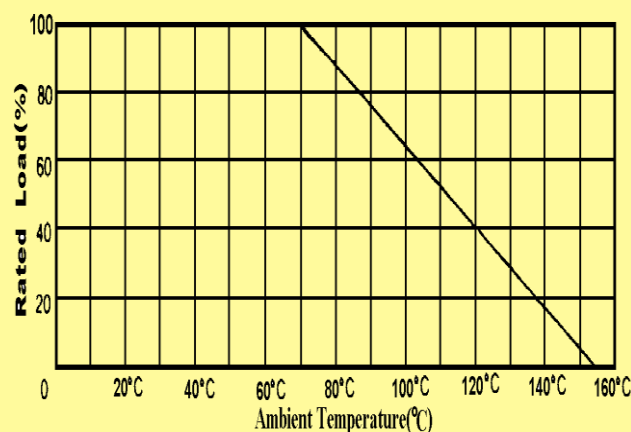
4TH = Multiplier.

(Non - inflammable insulating silicon coating)

Dimensions :

Type	Size	Dimensions(mm)		
		L	D	C
MGM	0207	5.7±0.2	2.2±0.1	0.8±0.2
	0309	8.5±0.3	3.0±0.3	1.7±0.2
	0411	10.5±0.3	4.0±0.3	2.3±0.2
	0515	14.5±0.3	4.5±0.3	2.3±0.2

Derating Curve:



Range :

TYPE	SIZE	POWER RATING	RESISTANCE RANGE	MAX. WORKING VOLTAGE	MAX. OVERLOAD VOLTAGE
MGM	0207	1/4W(0.25W)	100KΩ~100MΩ	500V	1000V
		1/2Ws(0.5W)			
	0309	1W			
	0411	2W			
	0515	3W		900V	

※額定電壓是以， $\sqrt{\text{功率(W)} \times \text{阻值}(\Omega)}$ 計算所得的值即以規格表中所列最高使用電壓兩者相較小者。

Rated-Voltage= $\sqrt{P(W) \times R(\Omega)}$ or Max. working voltage ,whichever lower

Permissible Pulse Volt.

Type	Size	Power Rating	Resistance Range		
MGM	0207	0.25W	100KΩ~1MΩ:3KV	1.1MΩ~6.2MΩ:4KV	≥ 6.8MΩ:5KV
		0.5Ws	100KΩ~1MΩ:3KV	1.1MΩ~6.2MΩ:4KV	≥ 6.8MΩ:6KV
	0309	1W	100KΩ~1MΩ:4KV	1.1MΩ~6.2MΩ:5KV	≥ 6.8MΩ:8KV
	0411	2W	100KΩ~1MΩ:5KV	1.1MΩ~6.2MΩ:6KV	≥ 6.8MΩ:9KV
	0515	3W	100KΩ~1MΩ:6KV	1.1MΩ~6.2MΩ:7KV	≥ 6.8MΩ:10KV

Characteristics

Item	Characteristics	Test Method
1. Operating Temp. Range 使用溫度範圍	-55°C ~ 155°C	
2. Temperature Coefficient 溫度系數	±350 ppm/°C	JIS-C-5202; 5.2
3. Short time overload 短時間過負載	±2%	Rating voltage×2.5 or Max. overload voltage For 5 sec. Whichever less
4. Ocerloadability 高壓過負載	±20%	Conditioned at 40°C, 95% R.H., for 21 days. Charged to capacitor (0.01μF) for 2.5 seconds. According to following and discharge for 2.5 seconds, total of 10 cycle. 0.25W 100KΩ~1MΩ:3KV 1.1MΩ~6.2MΩ:4KV ≥ 6.8MΩ:5KV 0.5Ws 100KΩ~1MΩ:3KV 1.1MΩ~6.2MΩ:4KV ≥ 6.8MΩ:6KV 1W 100KΩ~1MΩ:4KV 1.1MΩ~6.2MΩ:5KV ≥ 6.8MΩ:8KV 2W 100KΩ~1MΩ:5KV 1.1MΩ~6.2MΩ:6KV ≥ 6.8MΩ:9KV 3W 100KΩ~1MΩ:6KV 1.1MΩ~6.2MΩ:7KV ≥ 6.8MΩ:10KV
5. Temperature cycling 溫度週率	±2%	-55°C (30min.)/+85°C (30min.) for 5 cycle

6. Load Life 壽命負載	±5%	70°C±2°C, 1000h, 1.5h “on”/ 0.5h “off” cycle
7. Resistance to soldering heat 焊接耐熱性	±2%	260°C±5°C, 5 sec ± 1 sec
8. Solderability 焊接性	90% Coverage/Min	235°C±5°C, 2 sec ± 0.5 sec
9. Non-Combustibility 不燃性	No evidence of flaming	UL-94 ; V-0

※The above characteristics are for reference only. Please confirm the specifications in approval sheet before you order and/or use.

以上規格特性僅供參考，實際產品以承認書為準。

Classification (Part No.)

<u>MGM</u>	<u>0207</u>	<u>1/2Ws</u>	<u>150Ω</u>	<u>J</u>	<u>T</u>
STYLE	SIZE	POWER	RESISTANCE	TOLERANCE	PACKING
				K = ±10%	T = Tape/Reel
				J = ±5%	P=Bulk
				G = ±2%	

Packaging

SIZE	0204	0207	0309	0411	0515
TAPE / REEL	3000pcs	2000pcs	2500pcs	1500pcs	1500pcs