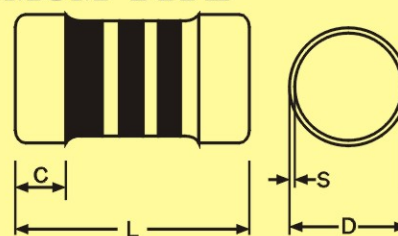


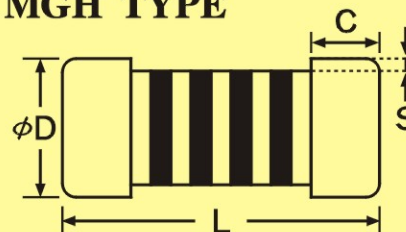
MELF Metal Glaze Film Resistors (玻璃釉皮膜無腳電阻器)



MGM TYPE



MGH TYPE

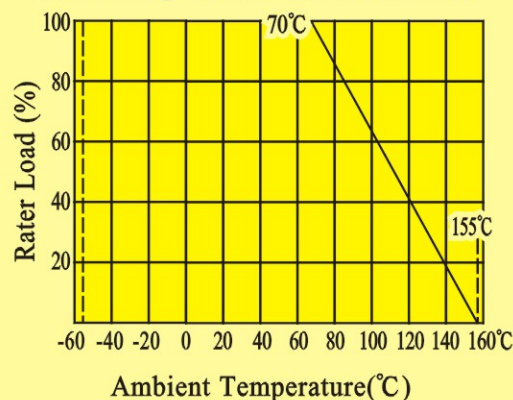


Coating color: Pink, Grey.
塗裝色：粉紅色·灰色

Dimensions:

Type	Size	Dimensions (mm)				
		L	D	C	S	
					Max.	Min.
MGM	0207	5.7±0.2	2.2±0.1	0.8±0.2	2.30	2.00
MGH	0309	9.5±0.3	3.6±0.3	2.2±0.2	0.4±0.1	

Derating Curve (功率衰減曲線)



Range:

Type	Size	Power Rating	Resistance Range	Max. Working Voltage	Max. Overload Voltage
MGM	0207	0.25W	100KΩ ~ 100MΩ	500V	1000V
		0.5Ws			
MGH	0309	1W		700V	1000V

額定電壓是以， $\sqrt{\text{功率(W)} \times \text{阻值}(\Omega)}$ 計算所得的值及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	100K ^Ω ~ 1M ^Ω : 3KV	1.1M ^Ω ~ 6.2M ^Ω : 4KV	≥ 6.8M ^Ω : 5KV
		0.5Ws	100K ^Ω ~ 1M ^Ω : 3KV	1.1M ^Ω ~ 6.2M ^Ω : 4KV	≥ 6.8M ^Ω : 6KV
MGH	0309	1W	100K ^Ω ~ 1M ^Ω : 4KV	1.1M ^Ω ~ 6.2M ^Ω : 5KV	≥ 6.8M ^Ω : 8KV

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	±1%	Rating voltage×2.5 or Max. overload voltage For 5 sec.
4. Overloadability 高壓過負載	±20%	Conditioned at 40°C, 95% R.H., for 21 days. Charged to capacitor (0.01 μF) for 2.5 seconds. According to following and discharge for 2.5 seconds, total of 10 cycles. 0.25W: 100k ohm ≤ R ≤ 1M ohm : 3kv 1.1M ohm ≤ R ≤ 6.2M ohm : 4kv R ≤ 6.8M ohm : 5kv 0.5W: 100k ohm ≤ R ≤ 1M ohm : 3kv 1.1M ohm ≤ R ≤ 6.2M ohm : 4kv R ≤ 6.8M ohm : 6kv 1W: 100k ohm ≤ R ≤ 1M ohm : 4kv 1.1M ohm ≤ R ≤ 6.2M ohm : 5kv R ≤ 6.8M ohm : 8kv
5. Temperature cycling 溫度週率	±1%	-55°C(30min.)/+85°C(30min.) for 5 cycle
6. Load Life in Humidity 耐濕負載	±5%	40°C ±2°C, 90% ~ 95% RH, 1000h, 1.5h "on"/0.5h "off" cycle
7. Load Life 壽命負載	±5%	70°C ±2°C, 1000h, 1.5h "on"/0.5h "off" cycle
8. Resistance to soldering heat 焊接耐熱性	±2%	260°C ±5°C, 5 sec ± 1 sec
9. Solderability 焊接性	90% Coverage/Min	235°C ±5°C, 2 sec ± 0.5 sec
10. Non-Combustibility 不燃性	The resistors shall withstand Overload test in accordance With Article UL-94, V-0 without producing a fire hazard.	

Classification

<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%	B=Bulk
				G=2%	

Packaging

Size	TAPE/REEL	BULK	CARTON
0207	2000pcs	-----	-----
0309	2000pcs	2000pcs	20000pcs