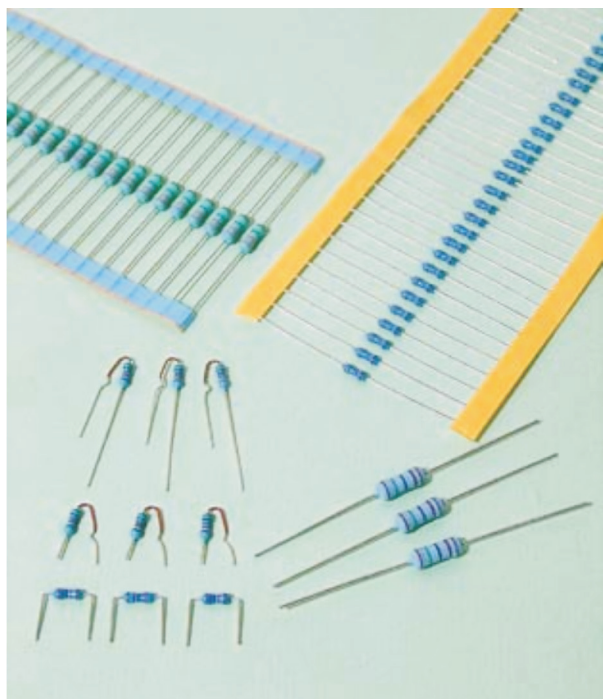


## 高壓金屬玻璃釉電阻器



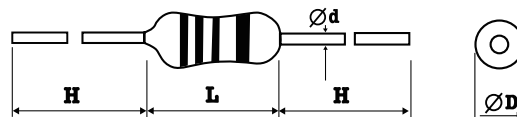
### 特點

- ☐ 耐高電壓和耐脈衝
- ☐ 阻值範圍：10KΩ~39MΩ
- ☐ 阻值公差：±1%，±5%
- ☐ 通過UL&CUL&CQC&CB安全認證

### Features

- ☐ Supply high stable against environment conditions and overload
- ☐ Wide resistance range：10KΩ to 39MΩ
- ☐ Resistance tolerance：±1%，±5%
- ☐ UL&CUL&CQC&CB Safe Approved

### 規格 Specifications

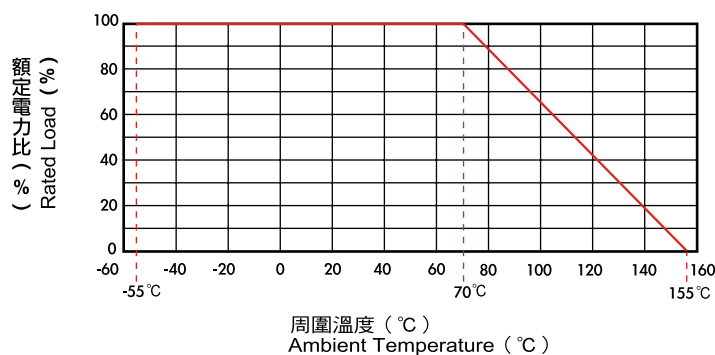


額定功率 Power Rating	尺寸 (公釐) Dimension(mm)				阻值公差 Resistance Tolerance	阻值範圍 (Ω) Resistance Range (Ω)
	ØD	L	H	Ød		
1/4W	2.5±0.5	6.3±0.5	28±3	0.56±0.05	F(±1%), J(±5%)	10K~39M
1/2W	3.0±0.5	9.0±1.0	28±3	0.8±0.05/0.8±0.1	F(±1%), J(±5%)	10K~39M
	3.5±0.5					
1W	4.0±0.5	11.0±1.0	30±3	0.8±0.1	F(±1%), J(±5%)	10K~39M
	4.5±0.5					
2W	5.0±0.5	15.0±1.0	33±3	0.8±0.1	F(±1%), J(±5%)	10K~39M

額定功率 Power Rating	最大工作電壓 Max Working Voltage	最大負荷電壓 Max Overload Voltage	耐電壓 Dielectric Withstanding Voltage	衝擊耐壓 Surge Withstanding Voltage	
1/4W	500V	700V	500V	100KΩ~1MΩ	3000V
				1.1MΩ~6.2MΩ	4000V
				6.8MΩ~39MΩ	6000V
1/2W	700V	1600V	700V	100KΩ~1MΩ	4000V
				1.1MΩ~6.2MΩ	5000V
				6.8MΩ~39MΩ	8000V
1W	1000V	3500V	700V	100KΩ~1MΩ	5000V
				1.1MΩ~6.2MΩ	6000V
				6.8MΩ~39MΩ	9000V
2W	1000V	3500V	700V	100KΩ~1MΩ	8000V
				1.1MΩ~6.2MΩ	9000V
				6.8MΩ~39MΩ	10000V

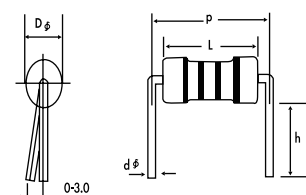
## 高壓金屬玻璃釉電阻器

### ● 負載遞減曲線 Power Derating Curve

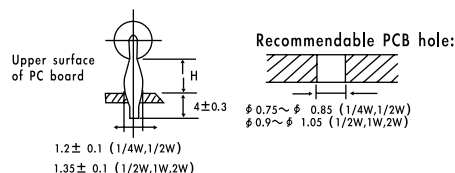
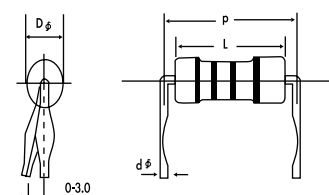


### ● 成型型式 Form Type

M 型 M Type

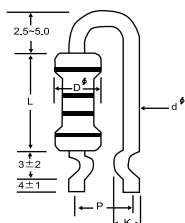


MG型 MG Type

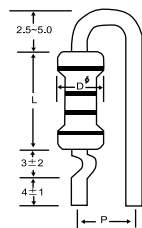


額定功率 Power Rating	L ± 1	DØ ± 0.5	H ± 2	h ± 2	dØ ± 0.1	P
1/4W	6.3 ± 0.5	2.5	7	11	0.56 ± 0.05	10 ± 0.5
1/2W	9	3.0 3.5	7	11	0.6 ± 0.05/0.8	12.5 ± 1/15 ± 1
1W	11	4.0 4.5	7	11	0.8	15 ± 2
2W	15	5	7	11	0.8	20 ± 2

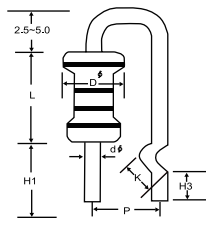
FKK型 FKK Type



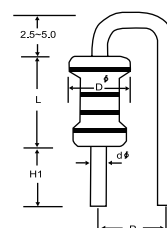
FKN型 FKN Type



FNK型 FNK Type



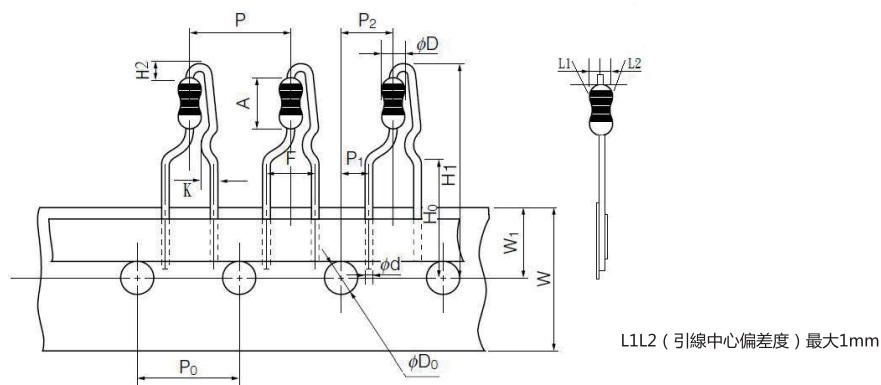
FNN型 FNN Type



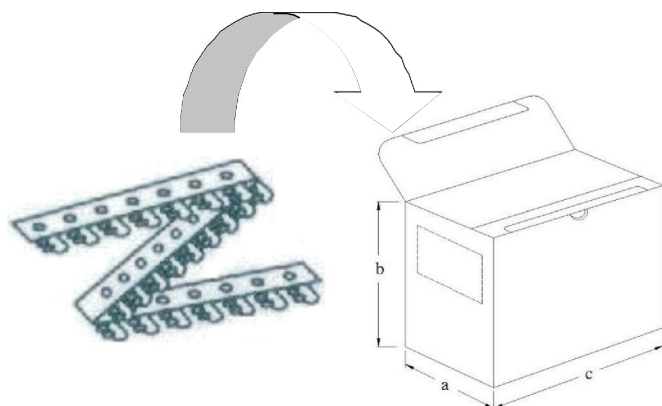
額定功率 Power Rating	L ± 1	DØ ± 0.5	H1 ± 2	H3 ± 1	dØ ± 0.1	P ± 2	K ± 0.5
1/4W	6.3 ± 0.5	2.5	4 ± 1.0	4	0.56 ± 0.05	6.5	1.5
1/2W	9	3.0 3.5	7.5/4 ± 1	4	0.6 ± 0.05/0.8	6.5	1.5
1W	11	4.0 4.5	7.5	4	0.8	10	1.5
2W	15	5	7.5	4	0.8	10	1.5

## 高壓金屬玻璃釉電阻器

### 立式帶狀 FT TYPE



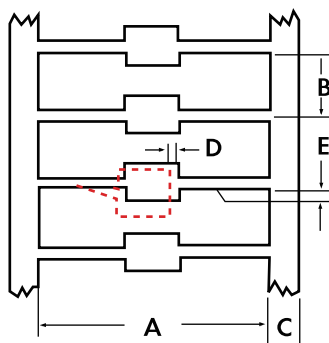
種類 Type		P	P <sub>0</sub>	P <sub>1</sub>	P <sub>2</sub>	F	W	W <sub>1</sub>	H <sub>1</sub>	H <sub>0</sub>	ΦD <sub>0</sub>	A	Φd	ΦD	C
普通型 Normal Size	小型化 Small Size	±1.0	±0.3	±0.7	±1.0	±0.8	±0.5	±0.5	max	±0.5	±0.2	±1.0	±0.05	±1.0	+0.2/-0.1
1/4W	1/2WS	12.7	12.7	3.85	6.35	5	18	9	32	16	4	6.3	0.56	2.3	1.5
1/2W	1WS	12.7	12.7	3.85	6.35	5	18	9	32	16	4	9	0.60	2.8	1.5
1W	2WS	12.7	12.7	3.85	6.35	5	18	9	32	16	4	11	0.72	4.5	1.5
2W	3WS	12.7	12.7	3.85	6.35	5	18	9	38	16	4	15	0.72	5.5	1.6



額定功率 Power Rdtng		包裝數量	尺寸 Dimensions (mm)		
標準品	小型品	Quantity (PCS)	a	b	c
STD type	Mini type				
1/4W	1/2WS	4000	50	215	330
1/2W	1WS	3000			
1W	2WS	2000	50	215	325
2W	3WS	2000	50	215	325

### 帶狀&包裝說明 Specifications of Tape & Packing

#### 帶狀 Tape

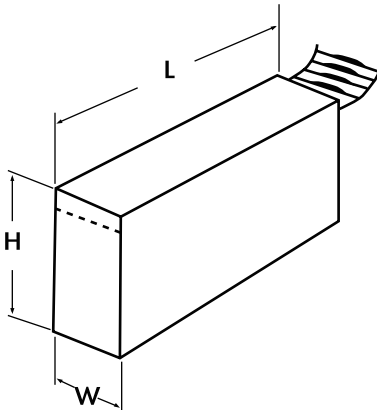


額定功率 Power Rating	Type/Size	A ± 1 (mm)	B ± 0.5 (mm)	C ± 1 (mm)	D Max	E Max
1/4W	T-26	26+1/-0	5	6	0.6	1.2
	T-52	52	5	6	0.6	1.2
1/2W	T-52	52	5	6	0.6	1.2
1W	T-52	52	5	6	0.6	1.2
	T-63	63	5	6	0.6	1.2
2W	T-52	52	10	6	0.6	1.2
	T-63	63	10	6	0.6	1.2
	T-73	73	10	6	0.6	1.2

## 高壓金屬玻璃釉電阻器

### ● 帶狀&包裝說明 Specifications of Tape & Packing

#### 包裝 Packing



額定功率 Power Rating	Type/Size	數量 Quantity(pcs)	W±5 (mm)	L±5 (mm)	H±5 (mm)
1/4W	T-26	5000	50	260	112
	T-52	5000	77	260	112
1/2W	T-52	2000	77	260	95
1W	T-52	1000	77	260	95
	T-63	1000	85	260	85
2W	T-52	1000	77	260	112
	T-63	1000	85	260	85
	T-73	500	70	260	95

### ● 品名構成 Product Identification

MG	1/4W	10MΩ	J(±5%)	T52
種類	額定功率	公稱抵抗值	容許誤差值	形狀
Type	Power Rating	Resistance	Tolerance	Form

容許誤差值 Tolerance

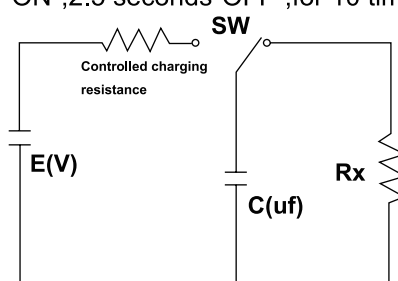
F	G	J
±1%	±2%	±5%

形狀 Form

P型	MG型	M型	FKK型	FNK型
FKN型	FNN型	T52	T63	T73

## 高壓金屬玻璃釉電阻器

### ● 特性 Characteristics

特性項目 Item	規格值 Specification	試驗方法 Test Method	JIS.C.5201
使用溫度範圍 Operating Temperature Range	$-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$		
溫度係數 Temperature Coefficient	$\leq 100\text{K} \pm 300\text{PPM}/^{\circ}\text{C}$ $> 100\text{K} \pm 200\text{PPM}/^{\circ}\text{C}$	測試溫度：室溫 + 100°C Test Temperature: Room Temperature + 100°C	
耐電壓 Dielectric Withstanding Voltage	無燒損或絕緣性破壞 No flashover or Insulation damage	加AC電壓於各規格中持續60秒 AC Potential respectively specified in the list for 60 seconds	
短時間過負荷 Short Time Over Load	$\pm (1\% + 0.05\Omega)$	額定電壓的2.5倍, 5秒 2.5 times rated voltage for 5 seconds	
溫度循環 Temperature Cycling	$\pm (1\% + 0.05\Omega)$	$-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$ 5次循環 $-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$ for 5 cycles	
耐濕負荷 Load Life in Moisture	$\pm (5\% + 0.1\Omega)$	在溫度40°C 溼度95%RH環境中加額定電壓, 1.5小時「ON」, 0.5小時「OFF」, 持續1000小時 Rated voltage 1.5hr "on", 0.5hr "off" at 40°C, 95% RH for 1000 hrs	
負荷壽命 Load Life	$\pm (5\% + 0.1\Omega)$	在溫度70°C 環境, 加額定電壓 1.5小時「ON」, 0.5小時「OFF」, 持續1000小時 Rated voltage 1.5hr "on", 0.5hr "off" at 70°C for 1000 hrs	
焊錫耐熱 Heat Resistance of Solder	$\pm (1\% + 0.05\Omega)$	溫度 350°C, 3.5秒 350°C for 3.5 seconds	
焊錫性 Solderability	覆蓋至少95% At least 95% coverage	溫度 260°C, 10秒 260°C for 10 seconds	
衝擊耐壓 Surge Withstanding Voltage	無燒損或絕緣性破壞 No flashover or Insulation damage	加入適當電壓2.5秒, “ON”, 2.5秒 “OFF” 循環10次 Add to suitable voltage 2.5 seconds "ON", 2.5 seconds "OFF", for 10 times 	

\*可依客戶要求測試IEC/GB標準