

ALUMINUM CASED POWER RESISTOR

GW

黃金鋁殼電阻器
ALUMINUM CASED POWER RESISTOR



外觀顏色 : Body Color 標示 : Marking

銀色 : Silver 文字 : Alphanumeric

■特性 Feature

- ◎ 精高穩定性強之設計和高脈衝 20KV
- ◎ High stability strong construction and anti-surge to 20KV.
- ◎ 可提供低電感
- ◎ Low inductance is available.
- ◎ 產品符合歐盟 RoHS 要求
- ◎ Products meet EU-RoHS.

■料號編碼 Type composition

例 Example

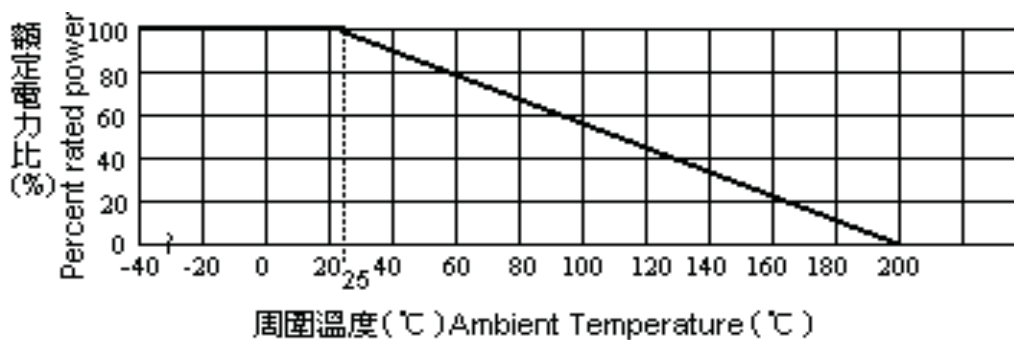
RA	GW	301	J	10R0	P00A
型名 Type	品名 Series	額定功率 Rated ower	誤差值 Tolerance	電阻值(Ω) Resistance	二次加工 Forming
	Aluminum	750:75W	F±1%	R100=0.1	P00A/P00B/ P00=
	GW	101:100W	G±2%	1R00=1	Straight
		151:150W	J±5%	10R0=10	PC00=
		201:200W	K±10%	1000=100	Strengthen
		251:250W		1001=1K	PA0T=
		301:300W		1002=10K	Small Size

■性能 Performance

試驗項目 Test Items	規格值 Performance Requirements	試驗方法 Test Methods
短時間過負荷 Short time overload	±(5%+0.1Ω)	6.25 倍額定功率，5 秒 6.25 times the rated power for 5 seconds
溫度係數 T.C.R	±350ppm/°C	室溫+100°C Room temperature +100°C
負荷壽命 Load life	±(10%+0.1Ω)	Rated voltageC for 1,000 hours 1.5hr ON / 0.5hr OFF Cycles
耐濕性 Moisture resistance	±(1%+0.1Ω)	40°C，95% RH，240 小時 40°C，95% RH for 240 hours
溫度循環 Temperature cycle	±(1%+0.05Ω)	5 cycles for -25°C (30min) ; room temp. (30min) ~ +85°C (30min) room temp. (30min)

■ 額定溫度下降曲線圖 Derating curve

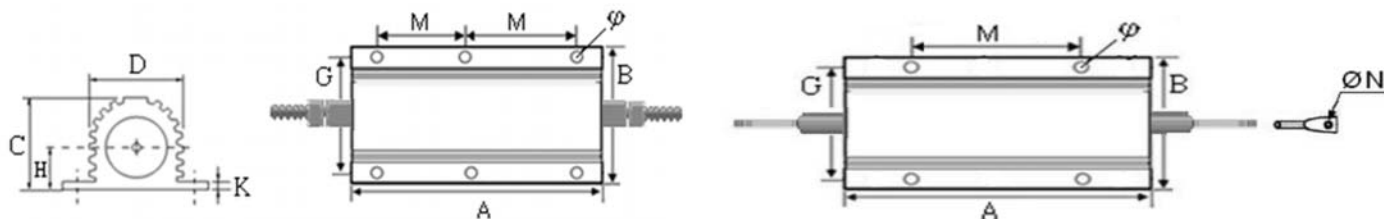
例 Example



■ 額定 Ratings

Rated Power (W)	阻值範圍 Resistance Range (Ω)	誤差值 Tolerance	最高使用電壓 Max. Working Voltage DC	耐電壓 Dielectric Withstanding Voltage DC
GW-75S	0.1 ~ 30K	F±1% G±2% J±5%	1000V	1000V 可訂製最高 5000V Client request: Max.5000V
GW-75、GW-100S	0.1 ~ 30K		1000V	
GW-100	0.1 ~ 51K		1500V	
GW-150	0.1 ~ 51K		1500V	
GW-150S	0.1 ~ 51K		1500V	
GW-200	0.1 ~ 51K		1500V	
GW-200S	0.1 ~ 51K		1500V	
GW-250	0.1 ~ 51K		1500V	
GW-300	0.1 ~ 51K		1500V	
GW-500	0.1 ~ 51K		1500V	

■ 外型尺寸 Dimensions



GW-75S、GW-75、GW-100S

Rated Power (W)	A	B	C	D	G	H	M	K	Φ	安裝孔 Mounting Hple
	±1	±1	±1	±1	±0.5	±2	±1	±0.5	±0.5	
GW-75S	49	48	26	27	37	11.5	29	3.5	5	4
GW-75、GW-100S	66	48	26	27	37	11.5	35	3.5	5	4
GW-100	98	48	26	27	37	11.5	35	3.5	5	6
GW-150S	98	48	26	27	37	11.5	29	3.5	4.5	6
GW-150	136	48	26	27	37	11.5	56	3.5	5	6
GW-200	155	48	26	27	37	11.5	63	3.5	5	6
GW-200S	92	73	45	46	58	21	35	5	6	6
GW-250	112	73	45	46	58	21	45	5	6	6
GW-300	128	73	45	46	58	21	52	5	6	6
GW-500	204	73	45	46	58	21	87	5	5.5	6