

# TRAPEZOID ALUMINUM SHELL RESISTOR

RAGH-3

RAGH 薄型鋁殼電阻器  
FLAT TYPE METAL CLAD WIRE WOUND RESISTOR (GH Type)



外观颜色 : Body Color      标示 : Marking  
银色 : Silver                  文字 : Alphanumeric

## 特性 Feature

- ◎精密型高额定功率
- ◎ High power rating, and ultra precision.
- ◎可依客户需求製作
- ◎ Can be produced according to customer's request.
- ◎產品符合歐盟 RoHS 要求
- ◎ Products meet EU-RoHS.

## 料號編碼 Type composition

例 Example

RA	GH	400	J	10R0	S200
型名 Type	品名 Series	額定功率 Rated power	誤差值 Tolerance	電阻值(Ω) Resistance	直線 Straight
	GH	300:30W	F±1%	R100=0.1	S050:50mm
		600:60W	G±2%	1R00=1	S200:200mm
		800:80W	J±5%	10R0=10	S350:350mm
		101:100W		1000=100	SA00:1000mm
		121:120W		1001=1K	SA50:1500mm
		151:150W			SA85:1850mm

## 額定 Ratings

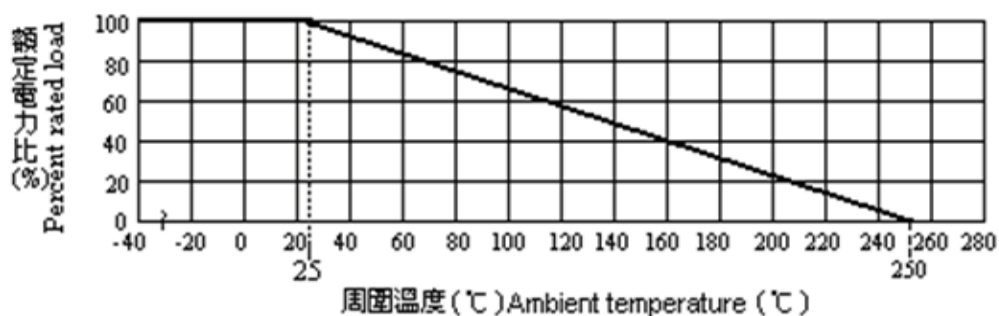
Rated Power (W)	阻值範圍 Resistance Range(Ω)	誤差值 Tolerance	最高使用電壓 Max. Working Voltage DC	最高過負荷電壓 Max. Overload Voltage DC	耐電壓 Dielectric Withstanding Voltage DC
30W	0.1 ~ 1K	F±1% G±2% J±5%	1000V	2000V	1000V 可訂製最高 3000V Client request: Max.3000V
60W	0.1 ~ 1K				
80W	0.1 ~ 1K				
100W	0.1 ~ 1K				
120W	0.1 ~ 1K				
150W	0.1 ~ 1K				

## 性能 Performance

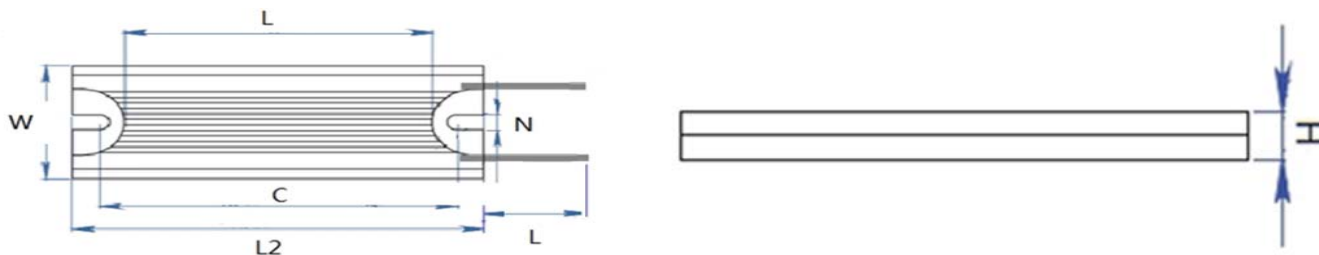
試驗項目 Test Items	規格值 Performance Requirements	試驗方法 Test Methods
短時間過負荷 Short time overload	±(2%+0.1Ω)	6.25 倍額定功率, 5 秒 6.25 times the rated power for 5 seconds
溫度係數 T.C.R	±350ppm/°C	室溫+100°C Room temperature +100°C
負荷壽命 Load life	±(5%+0.1Ω)	Rated voltage C for 1,000 hours 1.5hr ON / 0.5hr OFF Cycles
耐濕性 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



■ 外型尺寸 Dimensions



Rated Power	L1	L2	W	H	C	N	L
(W)	± 1	± 1	± 1	± 0.5	± 1	± 0.5	
30W	51	80	41	6.8	65	5.5	依客戶需求訂製 According to customer's request.
60W	86	115	41	6.8	100	5.5	
80W	111	140	41	6.8	125	5.5	
100W	135	165	41	6.8	150	5.5	
120W	165	190	41	6.8	175	5.5	
150W	190	215	41	6.8	200	5.5	