

TRAPEZOID ALUMINUM SHELL RESISTOR

RAMS RAMS 鋁殼電阻器
ALUMINUM SHELL RESISTOR(RAMS Type)



外觀顏色 : Body Color 標示 : Marking
銀色 : Silver 文字 : Alphanumeric

特性 Feature

- ◎精密型高額定功率
- ◎ High power rating, and ultra precision.
- ◎可依客戶需求製作
- ◎ 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	MA	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
	MS	400:40W	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		1002=10K	SA85:1850mm

額定 Ratings

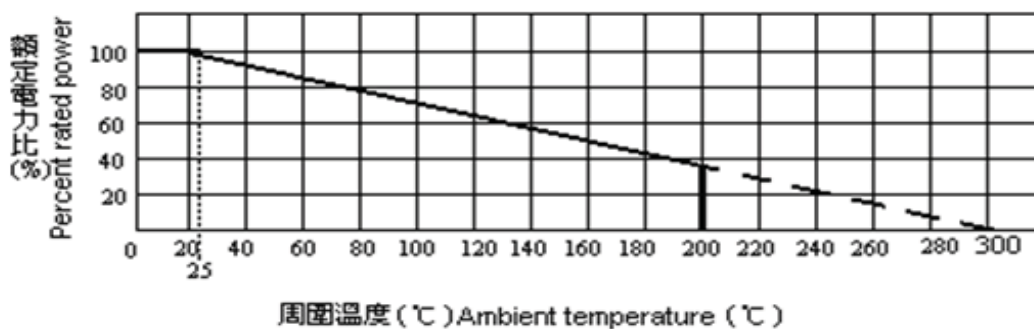
Rated Power (W)	阻值範圍 Resistance Range(Ω)	誤差值 Tolerance	溫度係數 T.C.R.	最高使用電壓 Max. Working Voltage DC	最高過負荷電壓 Max. Overload Voltage DC	耐電壓 Dielectric Withstanding Voltage DC
40W	0.1 ~ 10K	F±1% G±2% J±5%	± 350ppm/°C	1000V	2000V	2000V 可訂製最高 3000V Client request: Max.3000V
60W	0.1 ~ 10K					
80W	0.1 ~ 20K					
100W	0.1 ~ 20K					
120W	0.1 ~ 33K					
150W	0.1 ~ 33K					
200W	0.1 ~ 33K					

性能 Performance

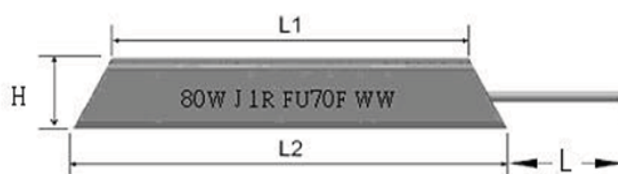
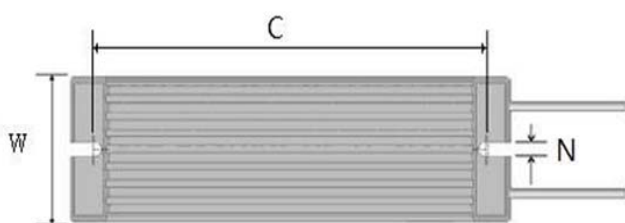
試驗項目 Test Items	規格值 Performance Requirements	試驗方法 Test Methods
短時間過負荷 Short time overload	±(2%+0.1Ω)	6.25 倍額定功率，5 秒 6.25 times the rated power for 5 seconds
溫度係數 T.C.R	±350ppm/°C	室溫+100°C Room temperature +100°C
負荷壽命 Load life	±(5%+0.1Ω)	Rated voltageC for 1,000 hours 1.5hr ON / 0.5hr OFF Cycles
耐濕性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



■ 外型尺寸 Dimensions



Rated Power	L1	L2	W	H	C	N	L
(W)	±2	±2	±2	±2	±2	±1	
40W	64	95	40	20	78	5.5	可依客戶需求訂製 According to customer's request.
60W	80	115	40	20	100	5.5	
80W	105	135	40	20	125	5.5	
100W	135	165	40	20	150	5.5	
120W	154	182	40	20	165	5.5	
150W	185	215	40	20	198	5.5	
200W	200	230	40	20	215	5.5	