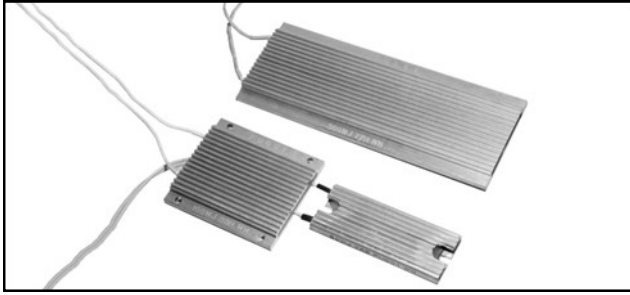


# FLAT TYPE METAL CLAD WIRE WOUND RESISTOR

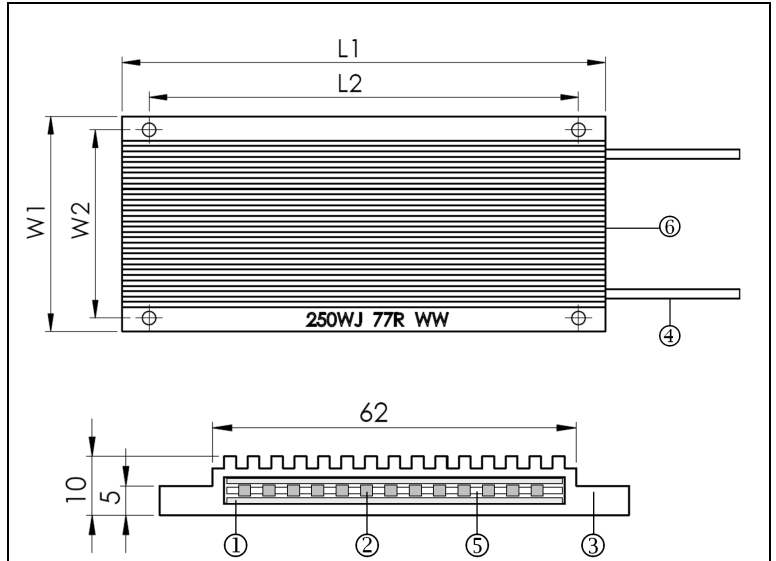
GH

薄型铝壳电阻器

FLAT TYPE METAL CLAD WIRE WOUND RESISTOR (GH Type)



## 结构图 Construction



4 XØ5.0 ( 100W~250W )  
6 XØ5.0 ( 300W~500W )

1	绝缘板	Insulation plate	5	基板	Ceramic base
2	绕线	Wire wound	6	绝缘涂料	Insulation coat
3	铝壳	Aluminum case			
4	绝缘电线	Silicon rubber wire	7	标示	Marking

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

## 特性 Feature

- ◎精密型高额定功率
- ◎ High power rating, and ultra precision.
- ◎可依客户需求制作
- ◎ Can be produced according to customer's request.
- ◎产品符合欧盟 RoHS 要求
- ◎ Products meet EU-RoHS.
- ◎可提供低电感
- ◎ Low inductance is available.

## 外型尺寸 Dimensions

Rated Power (W)	L1±2 (mm)	L2±0.3 (mm)	W1±0.3 (mm)	W2±0.3 (mm)
100	90	70	80	70
150	120	100		
200	150	130		
250	180	160		
300	210	190		
400	270	250		
500	330	310		

## 料号编码 Type composition 例 Example

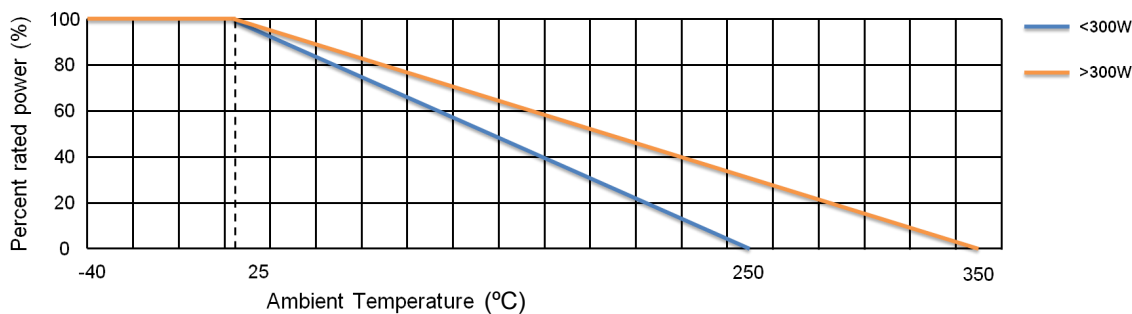
RG	W	J0	J	10R0	S245	GH
型名 Type	品名 Size	额定功率 Rated over	误差值 Tolerance	电阻值(Ω) Resistance	二次加工 Forming	薄型铝壳 Aluminum
	Wire	J0:100W M0:150W	J±5%	R100=0.1 1R00=1 10R0=10 1000=100 1001=1K	Straight Length	Aluminum Cased

## 额定 Ratings

Rated Power (W)	阻值范围 Resistance Range(Ω)		误差值 Tolerance	温度系数 T.C.R.	最高使用电压 Max. Working Voltage	最高过负荷电压 Max. Overload Voltage	耐电压 Dielectric Withstanding Voltage
	Standard	Non-inductive					
60	0.1Ω~ 500Ω	0.05Ω~ 10KΩ	J±5%	±350ppm/°C	500V	1500V	1500V/DC
100	1Ω~ 1.0KΩ	2Ω~ 500Ω					
150	1Ω~ 1.2KΩ	2Ω~ 600Ω					
200	1Ω~ 1.4KΩ	2Ω~ 700Ω			750V		
250	1Ω~ 1.6KΩ	2Ω~ 800Ω					
300	1Ω~ 1.8KΩ	2Ω~ 900Ω					
400	1Ω~ 2.0KΩ	2Ω~ 1KΩ			1000V		
500	1Ω~ 2.5KΩ	2Ω~ 1.2KΩ					

■ 额定温度下降曲线图 Derating curve

例 Example



■ 性能 Performance

试验项目 Test Items	规格值 Performance Requirements	试验方法 Test Methods
电阻值 Resistance	规定的误差值内 Within specified tolerance	测量点从端盖 10mm Measuring points are 10mm from the end cap
温度系数 T.C.R.	规定值内 Within specified T.C.R.	室温+100°C Room temperature +100°C
短时间过负荷 Short time overload	±(1%+0.05Ω)	5 倍额定功率, 5 秒 5 times the rated power for 5 seconds
负荷寿命 Load life	±(5%+0.1Ω)	Rated voltage at 70°C for 1,000 hours 1.5hr ON / 0.5hr OFF Cycles
耐湿负荷寿命 Load life in humidity	±(5%+0.1Ω)	10% rate power load 40°C, 95% RH for 1,000 hours; 1.5h ON / 0.5h OFF cycle
耐湿性 Moisture resistance	±(1%+0.05Ω)	40°C, 95% RH, 240 小时 40°C, 95% RH for 240 hours
温度循环 Temperature cycle	±(1%+0.05Ω)	5 cycles for -25°C (30min) : room temp. (30min) ~ +85°C (30min) room temp. (30min)
绝缘电阻 Insulation resistance	>1,000MΩ	500V 绝缘测试 1 分钟 500V insulation test 1min.