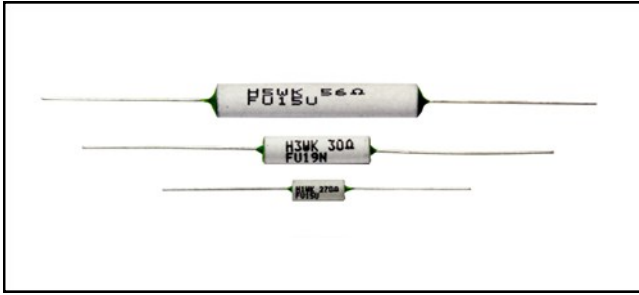


# HIGH PULSE WIRE WOUND RESISTOR

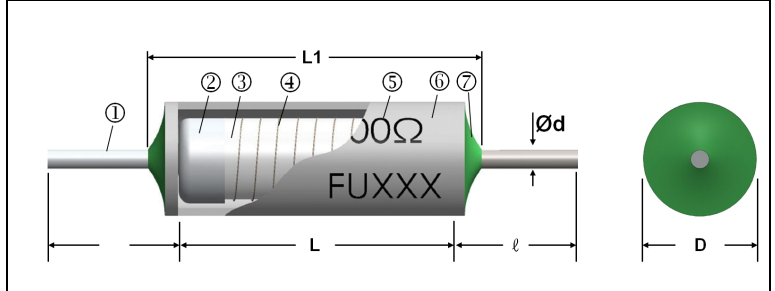
HVW

高脉冲绕线电阻器

HIGH PULSE WIRE WOUND RESISTOR (Standard Type)



## 结构图 Construction



1	端子线	Lead wire	5	标示	Marking
2	瓷棒	Ceramic base	6	绝缘涂料	Insulation coat
3	铁帽	Cap			
4	绕线	Wire wound	7	瓷管	Ceramic tube

本体颜色 : Body color

白色 : White

标示 : Marking

文字 : Alphanumeric

## 外型尺寸 Dimensions

Rated Power (W)	Dimensions(mm)					Weight(g) (1000pcs)
	L	L1 Max.	D	Ød	ℓ	
1	14±2	18	5±1	0.8 ± 0.05	35 ± 3	1250
2	16±2	20	7±1			2250
3	27±2	31	6±1			3000
4	40±2	45	7±1			5500
5	43±2	48	7±1			5900

## 特性 Feature

- ◎ 防爆式绕线高脉冲特性
- ◎ The ANTI-BURST Type wire wound type High pulse safe usage by special non-flammable silicon-base.
- ◎ 可承受 25KV 突波的冲击
- ◎ Acceptable pulse of 25KV discharge.
- ◎ 高信赖性
- ◎ High reliability.
- ◎ 产品符合欧盟 RoHS 要求
- ◎ Products meet EU-RoHS.

## 料号编码 Type composition

例 Example

HV	W	01	J	10R0	S000	NH
型名 Type	品名 Size	额定功率 Rated Power	误差值 Tolerance	电阻值(Ω) Resistance	二次加工 Forming	端子线 Lead Wire
	W: Wire	01:1W	J±5%	10R0=10	See table	热镀线
		02:2W	K±10%	1000=100	below	Heat plated
		03:3W	M±20%	1001=1K		
		04:4W		1002=10K		
		05:5W		1003=100K		

## 参考规格 Reference standards

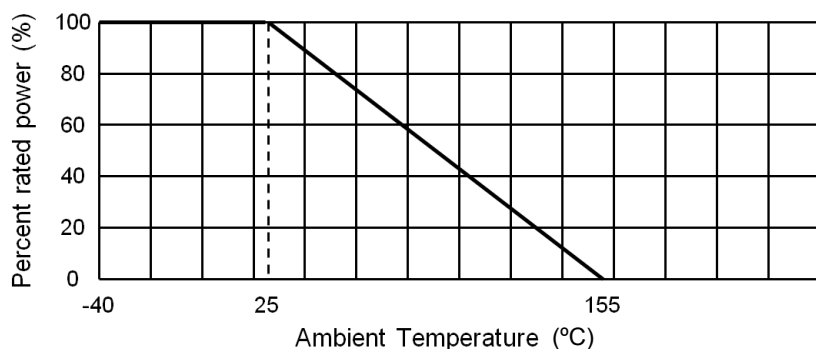
- JIS C 5201-1

## 额定 Ratings

Rated Power (W)	阻值范围 Resistance Range(Ω)			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	温度系数 T.C.R.	脉冲电压 Pulse withstanding voltage
	J±5%(E24)	K±10%(E24)	M±20%(E24)					
1	10~390K			300V	600V	250V	±300 ppm/°C	15KV
2				400V	800V			350V
3				450V	900V			
4				550V	1000V			
5				1100V	500V			

■ 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	±(2%+0.05Ω)	6.25 倍额定功率, 5 秒 6.25 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	±(2%+0.05Ω)	40°C, 95% RH, 240 小时 40°C, 95% RH for 240 hours
温度循环 Temperature cycle	±(2%+0.05Ω)	5 cycles for -25°C (30min) : room temp. (30min) ~ +85°C (30min) room temp. (30min)
焊锡耐热 Resistance to soldering heat	±(2%+0.05Ω)	260°C ± 5°C for 10 seconds (焊锡槽) 350°C ± 10°C for 3.5 seconds (手焊锡)
绝缘电阻 Insulation resistance	>1,000MΩ	500V 绝缘测试 1 分钟 500V insulation test 1min.
脉冲测试 Pulse withstanding voltage	±5%	The following discharge cycle is repeated in the circuit of the left fig. 1 sec. ON 1 sec. OFF 10,000 cycles. With following DC pulse test voltage. Pulse voltage: DC 14 kV

