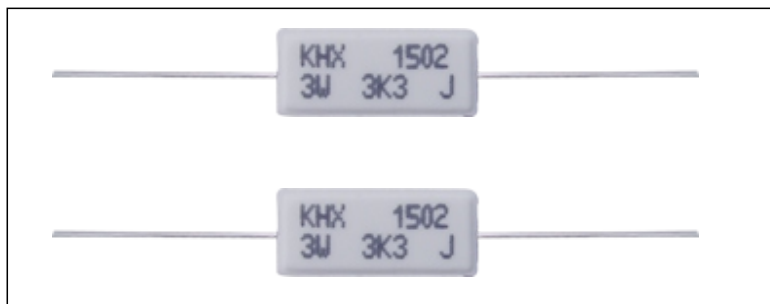


# RWP 陶瓷线绕电阻 Ceramics Wirewound Resistor

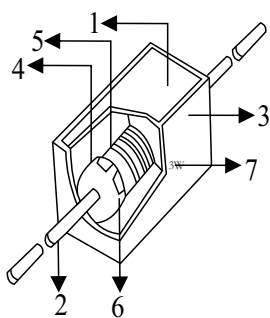


本体颜色: Body Color  
 标准品: Standard (White 白色)  
 标示: Marking  
 (根据客户要求提供相应标识)  
 (According to the customer request to provide corresponding identification)

## ● 特性 Feature

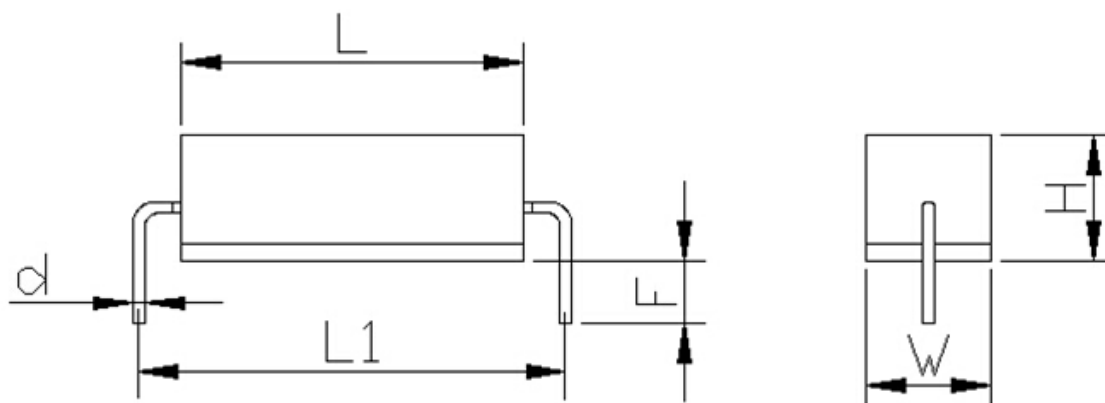
- I 完全不可燃和高度绝缘性的安全设计  
Compact type with safety design of non-flammability and insulation
- II 长期稳定性优良 Stable long life
- III 可提供低电感设计产品 Low inductance is available
- IV 符合欧盟RoHS要求 Products meet EU-RoHS

## ● 结构图 Construction



1	二氧化硅填充料 SiO <sub>2</sub> materials
2	镀锡铜线 Tinned copper lead wire
3	陶瓷壳 Ceramic shell
4	玻纤棒或陶瓷棒 Glass core or ceramic core of high Al <sub>2</sub> O <sub>3</sub>
5	绕线型 wirewound type
6	镀锡铁帽 Tinned iron cap
7	标示 Making

## ● 产品成型 Product forming



规格 Type	功率 Power	尺寸 Dimensions (mm)					
		L ± 1.0	L1 ± 0.4	W ± 1	H ± 1	F ± 0.4	d ± 0.02
RWP	3W	22.0	26.6	8.0	8.0	4.0	0.8

## ● 参考规格 Reference Standards

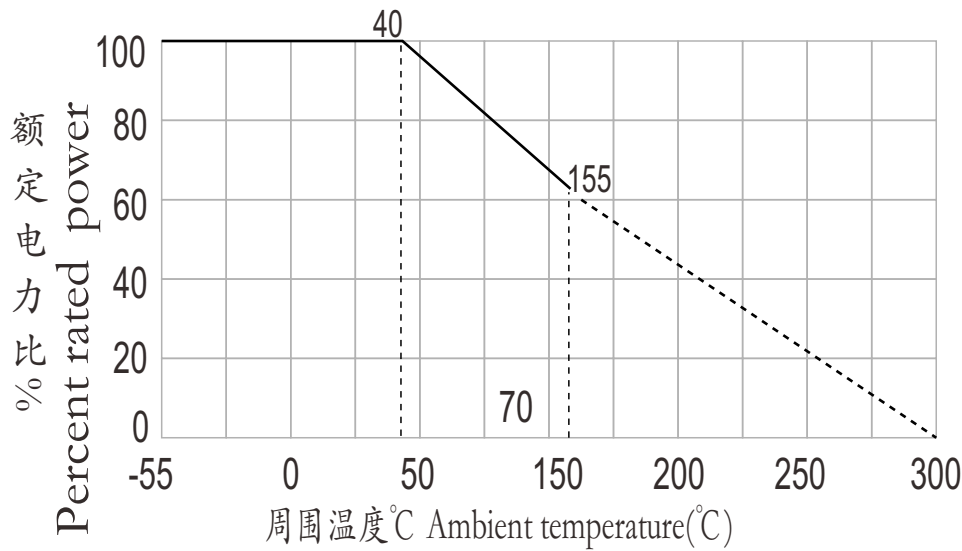
JIS C 5201-1

# RWP 陶瓷线绕电阻 Ceramics Wirewound Resistor

## ● 功率、阻值范围与耐电压 Power And Resistance etc

额定功率 Rated Power(W)	阻值范围 Resistance Range( $\Omega$ )	最高使用电压 Max Working Voltage	最高负荷电压 Max Overload Voltage	耐电压 Dielectric Withstanding Voltage	温度系数 T.C.R
3	0.01~3K	350V	700V	700V	-250PPM/ $^{\circ}\text{C}$ $\leq$ T.C.R $\leq$ 250PPM/ $^{\circ}\text{C}$

## ● 额定温度下降曲线图 Derating Curve



## ● 性能 Performance

试验项目 Test Items	规格值 Performance Requirements	试验方法 Test Methods (JIS C 5 201-1)
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 $^{\circ}\text{C}$ Room temperature+100 $^{\circ}\text{C}$
短时间过负荷 Short time overload	$\pm(2\%R+0.05\Omega)$	10倍额定功率, 5秒 10 times the rated power for 5 seconds
负荷寿命 Load life	$\pm(5\%R+0.1\Omega)$	额定电压 70 $^{\circ}\text{C}$ for 1,000 hours 1.5hr ON/0.5hr OFF Cycles
耐湿负荷寿命 Load life in humidity	$\pm(5\%R+0.1\Omega)$	额定电压 40 $^{\circ}\text{C}$ , 95% RH, 1000小时 Rated voltage at 40 $^{\circ}\text{C}$ , 95% RH for 1,000 hours
温度循环 Temperature cycle	$\pm(1\%R+0.05\Omega)$	5 cycles for -25 $^{\circ}\text{C}$ (30min); room temp. (30min) ~+85 $^{\circ}\text{C}$ (30min) room temp. (30min)
焊锡耐热 Resistance to soldering heat	$\pm(1\%R+0.05\Omega)$	260 $^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 10 seconds (焊锡槽) 350 $^{\circ}\text{C} \pm 10^{\circ}\text{C}$ for 3.5 seconds (手焊锡)
绝缘电阻 Insulation resistance	> 100M $\Omega$	500V 绝缘测试 1分钟 500V insulation test 1min.

## ● 料号编号 ordering Information

例 example

型号Type	额定功率 Rated Power	误差值 Tolerance	电阻值 (Ω) Resistance	特殊码 Sperial code
RWP	03:3W	J ± 5%	R100=0.1 1R00=1 10R0=10 1000=100	A: 绕线型 wirewound type 陶瓷芯 Ceramic core