



#### RI80B-50W Series

#### 简介/Introduction:

**RI80** 采用特殊的厚膜金属釉膜电阻组件和蛇形图案设计, 提供理想的成本效益, 稳定性高, 精度精确, 耐高电压的特点, 适用于多种测量, 分压器电路和控制功能, 交直流或脉冲电路, 及高压电力电子设备。

**RI80** 精密高压电阻器系列, 在高压环境中能够吸收大量能量, 并同时保持无感/低感和重负载特性。

**RI80** uses special thick-film metal glaze resistance components and Serpentine pattern design to provide ideal cost-effectiveness, high stability, precision and high voltage resistance. It is suitable for a variety of measurement, voltage divider circuits and control functions, AC/DC or pulse circuits, and high voltage power electronic equipment.

**RI80** Precision High Voltage Resistor Series can absorb a lot of energy in high voltage environment. At the same time, it maintains the characteristics of sensorless/low-sensitivity and heavy load.

#### 外形图/ Outline drawing:

#### 应用/Application:

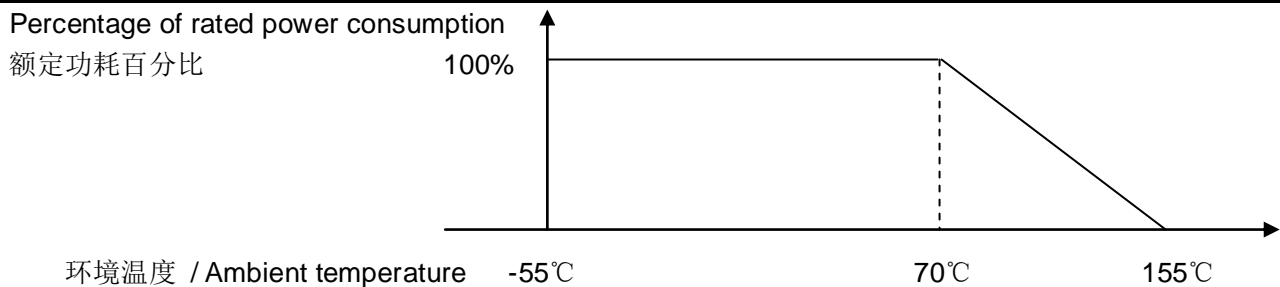


- 冲击电压发生器。
- 电弧炉阻尼, 能源研究。
- 脉冲调制器, 雷达脉冲形成网络。
- 电容器的消弧电路, 高电压缓冲电路。
- X-ray/显像设备, 和 EMI/闪电抑制。
- Impulse voltage generator.
- Electric Arc Furnace Damping, Energy Research.
- Pulse modulator, radar pulse forming network.
- Arc suppression circuit of capacitor and high voltage buffer circuit.
- X-ray/imaging equipment, and EMI/lightning suppression.

#### 电气参数/Electrical data :

项目/Items:	参数/Data Value:	单位/Units:
额定功率/Rated power	50	W
阻值范围/Resistance range	0.1~1000	MΩ
允许公差/Allowable tolerance	F=(±1) G=(±2) J=(±5) K=(±10)	%
温度系数/Temperature coefficient	≤400	100-6/°C
工作温度范围/Working temperature range	-55~+70	°C
最大工作电压/ Maximum operating voltage	75	kV

#### 衰减曲线/Derating curve :





**HVKJ**  
HV RESISTORS

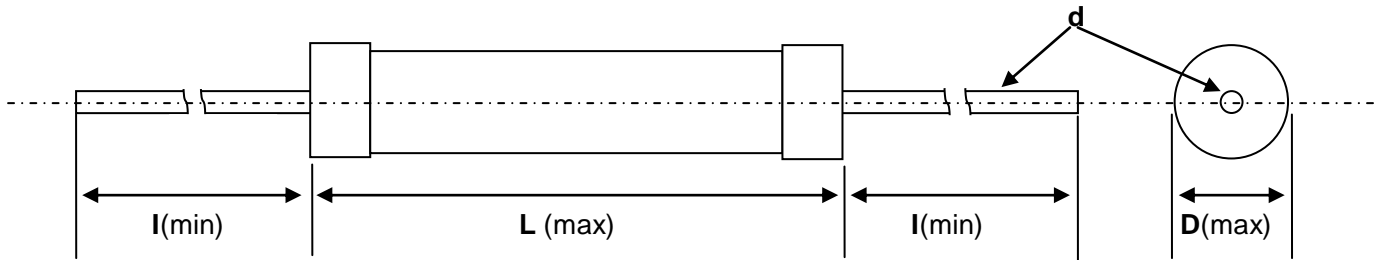
RI80B-50W Series

高压圆柱型玻璃釉膜电阻器

High Voltage Cylindrical Glass Glaze Resistor

外形尺寸图/ Dimension drawing: (Unit : mm)

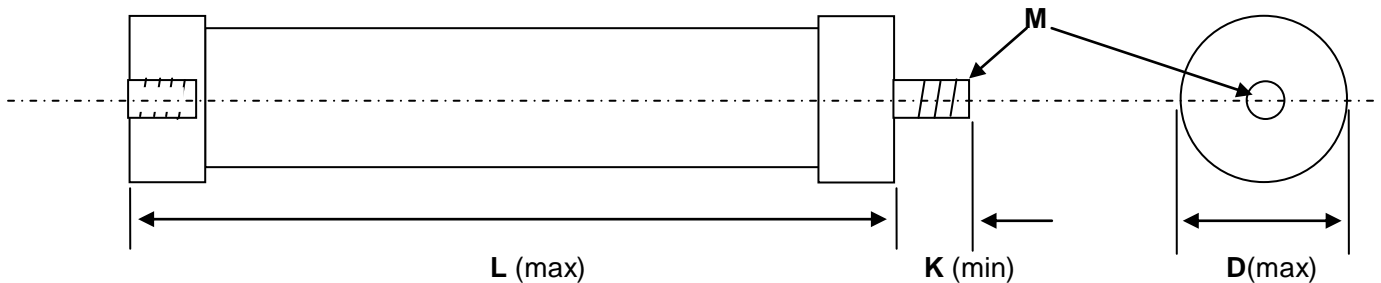
A



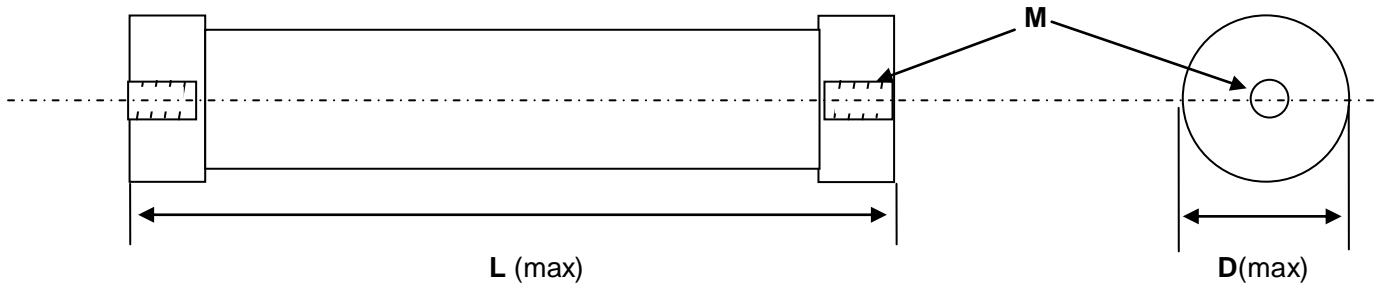
B



**D = 22.0    L = 118.0    K = 10.0    M = M6(Screw)    Weight = 140g**



C



型号解释/Type note:

RI80	B	50W	227		F	
类型系列	外形结构	功率 (W)	阻值 (Ω)		误差 (%)	
Type series	Shape structure	Watt	Resistance value		Tolerance	
RI80	A	1W	224	=220K=0.22M	F	±1%
	B	~	225	=2,200K=2.2M	G	±2%
	C		226	=22,000K=22M	J	±5%
		50W	227	=220,000K=220M	K	±10%



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