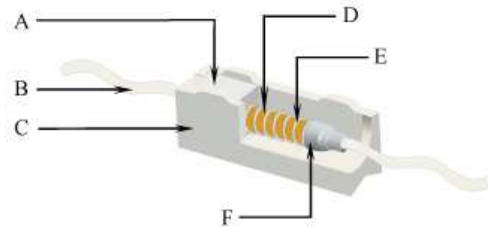




●特点 Features:

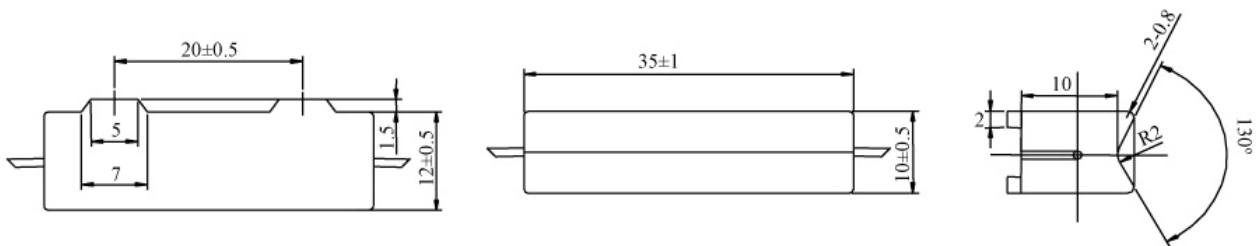
- 1、耐热性好、温度系数小、负荷功率大、绝缘性高
Good heat-durability, low temperature coefficient, high overload power, good insulating performance.
- 2、使用环境温度 Operating ambient temperature: $-55^{\circ}\text{C}\sim+275^{\circ}\text{C}$.
- 3、绝缘电阻值 Insulating resistance value: DC500V 100M Ω .
- 4、绝缘强度 Insulating strength: AC500V/minute.
- 5、阻值误差 Resistance tolerance: $\pm 5\%$ 、 $\pm 10\%$.

●产品结构图 Construction Drawing:

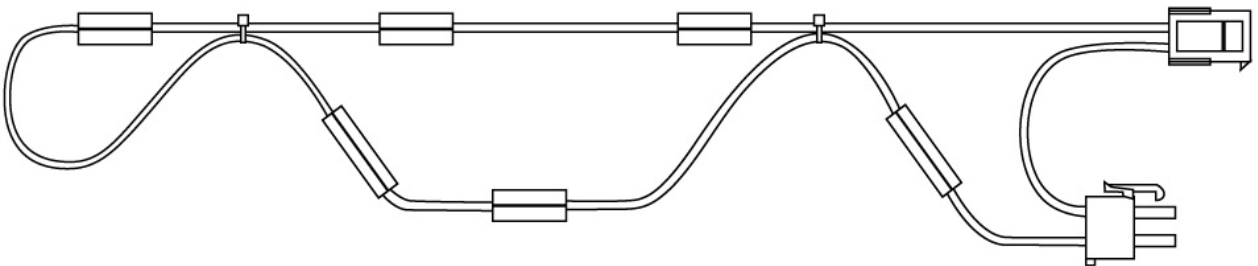


- A、填充料 Padding materials
- B、高温线 High temperature cable
- C、瓷壳 Ceramic shell
- D、玻纤基体 Fiberglass core
- E、电阻体 Resistors wire
- F、铁帽 Iron cap

●单个图示 Single Illustration:

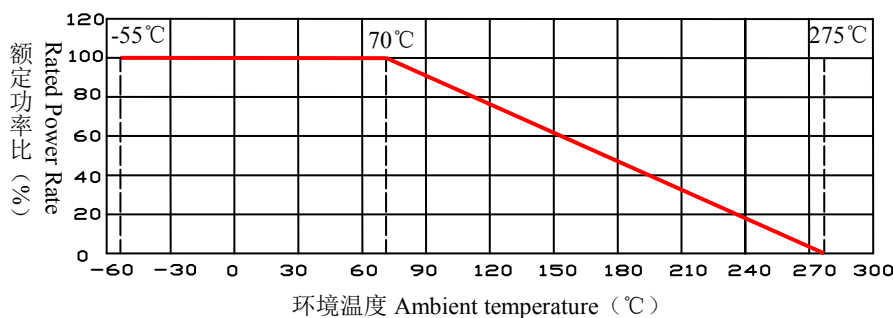


●一组图示 A Group of Illustration:



备注 Note: 功率、尺寸及连接线长度可根据客户的需求定做, 每段误差为 $\pm 5\text{mm}$ 。The Power, Dimension and Cable length can be according customers requirement to customize, the tolerance of each sect is $\pm 5\text{mm}$.

● 额定功率递减图 Rated Power Derating Curve:



● 性能测试 Performance Test:

| 测试项目 Test Item | 测试条件 Test Condition | 性能 Performance |
|--------------------------------------|--|--|
| 温度系数 Temperature coefficient | 在常温及常温+100℃时分别测量电阻值并计算每度的阻值变化率。Test the resistance value at normal temperature added 100℃, calculate per °C resistance value rate. | ±300ppm/°C |
| 短时间过负荷 Short time overload | 2~4W 施加 5 倍额定电压, 5~10W 施加 10 倍额定功率的电压或最高负荷电压 (取较小者) 5 秒。2~4W: According 5 times rated voltage, 5~10W: According 10 times rated power to account the voltage or max. overload voltage (get the lower) for 5 seconds. | $\Delta R \leq \pm (2\%R_0 + 0.05 \Omega)$ |
| 耐焊接热 Resistance to soldering heat | 在 350±10℃ 的锡炉中浸入 2~3 秒。 Immerge into the 350±10℃ tin stove for 2~3 seconds. | $\Delta R \leq \pm (1\%R_0 + 0.05 \Omega)$ |
| 可焊性 Solderability | 在 245±3℃ 的锡炉中浸入 2~3 秒。 Immerge into the 245±3℃ tin stove for 2~3 seconds. | 焊锡面积覆盖 95% 以上 The area of soldering is over 95% |
| 温度循环 Temperature cycling | 在 -55℃ 时放置 30 分钟, 然后再 +25℃ 时放置 10~15 分钟, 然后再在 +275℃ 时放置 30 分钟, 然后再在 +25℃ 时放置 10~15 分钟, 共循环 5 次。At -55℃ for 30 min, then at +25℃ for 10~15 min, then at +275℃ for 30 min, then at +25℃ for 10~15 min, total 5 cycles. | $\Delta R \leq \pm (1\%R_0 + 0.05 \Omega)$ |
| 耐湿负荷寿命 Load life in humidity | 在温度为 40±2℃, 相对湿度为 90~95% 的恒温恒湿箱中, 施加额定电压或最大工作电压 (取较小者) 共 1000 小时 (通 1.5 小时, 断 0.5 小时)。Overload rated voltage or Max. working voltage (get the lower) for 1000 hours (1.5 hours on and half-hours off) at the 40±2℃ and 90~95% relative humidity. | $\Delta R \leq \pm (5\%R_0 + 0.05 \Omega)$ |
| 耐温负荷寿命 Load life in heat | 在 70±2℃ 恒温恒湿箱中施加额定电压或最大工作电压 (取较小者) 1000 小时 (通 1.5 小时, 断 0.5 小时)。Overload rated voltage or Max. working voltage (get the lower) for 1000 hours (1.5 hours on and half-hours off) at the 70±2℃. | $\Delta R \leq \pm (5\%R_0 + 0.05 \Omega)$ |
| 不燃性 Nonflammability | 分别按 5、10、16 倍额定功率加交流负荷 5 分钟。Respectively load AC voltage by 5, 10, 16 times rated power for 5 min. | 不可有明显火焰 No visible flame |

 CEMENT RESISTORS
 水泥类

● 料号规则 Part No. Regulation:

| JRX | 16B | J | 0 | B064 | 10R00 |
|------------------------------------|-------------|-----------------|---------------------|---|--|
| 产品名称 Product Name | 功率 Power | 精度 Tol. | 特殊码 Special Code | 成型 Forming | 阻值 Ohm |
| 加热水泥电阻器 Heated Cement Resistors | 16B=16W | J=±5% K=±10% | | B064=B-07T B074=B-08T B073=B-08*S B077=B-07A B093=B-08A | 0R100=0.1 Ω 10R00=10 Ω 10K00=10K Ω |