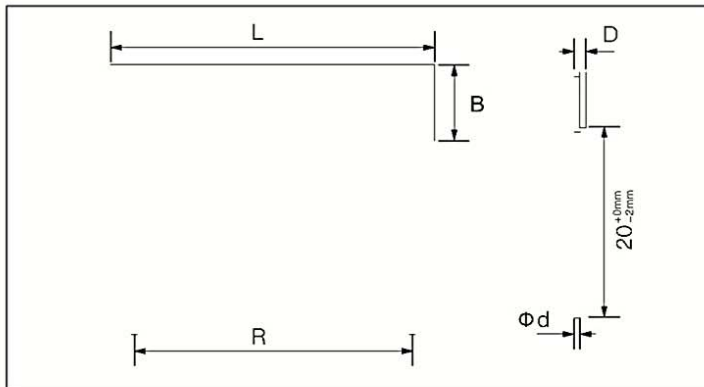




■ 构造图 Construction(mm)



■ 产品特点 Features

- 厚膜高压电阻；
- 通过弯曲可改变引线跨距；
- 阻值可达10TΩ；
- 低温度系数，低电压系数
- High voltage thick film resistors
- Variable lead span by bending
- Resistance values up to 10 Tegaohm
- Low values of TCR and VCR

■ 外形尺寸 Dimensions(mm)

| 尺寸(size) | L | B | D | R | d |
|----------|------|------|-----|------|-----------------------|
| HVR30 | 30.0 | 6.0 | 1.4 | 27.5 | 0.40 ^{±0.05} |
| HVR40 | 40.0 | 6.0 | 1.4 | 37.8 | 0.40 ^{±0.05} |
| HVR50 | 50.0 | 12.5 | 1.4 | 47.8 | 0.40 ^{±0.05} |

L=长度, B=宽度, D=厚度, d=引线直径(mm)

L=Length, B=Width, D=Thickness, d=wire diameter(in mm)

R=标准引线间距 (通过弯曲可达到其他跨距)

R=standard lead spacing(other spacing possible by bending)

外形尺寸公差: ±0.5mm

Tolerance of dimensions: ±0.5mm

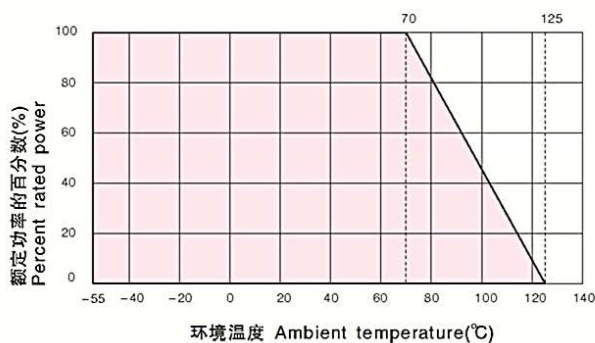
■ 应用范围 Applications

- 各种电子设备
- all kinds of electrical equipments

■ 执行标准 Reference Standards

Q/DRT006-2009

■ 降功耗曲线 Derating Curve



性能指标 Performance

| 试验项目 Test Item | 性能要求 Specifications | | 试验方法 Test Methods |
|-----------------------------|---------------------|------|------------------------------|
| 长期稳定性 Long term stability | ≤10G | >10G | / |
| 高温贮存 High temperature store | <1% | <2% | 125°C, 1000h |
| 寿命 Load life | <1% | <2% | 70°C, P _R , 1000h |

技术说明 Technical Specifications

| 型号 Type | 额定功率P ₇₀ (W) Rating Power P ₇₀ (W) | 工作电压 Working Voltage | 阻值范围/精度/温度系数 ¹⁾ /电压系数 ²⁾ Resistance Range/Tolerance/TCR ¹⁾ /VCR ²⁾ | | | | |
|---------|-------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------|----------------------------------------|-----------------------------------|
| | | | 1M-100M | >100M-1G | >1G-100G | >100G-1T | >1T-10T |
| HVR30 | 1.0 | 10KV | 0.25/.../10% TC25/50/100 <2ppm/V | 1/2/5/10/20% TC50/100/250 <5ppm/V | 5/10/20/30% TC250/500 <20ppm/V | 5/10/20/30% TC500/1000 <100ppm/V | - |
| HVR40 | 1.2 | 20KV | 0.25/.../10% TC25/50/100 <1ppm/V | 1/2/5/10/20% TC50/100/250 <2ppm/V | 5/10/20/30% TC250/500 <10ppm/V | 5/10/20/30% TC500/1000 <50ppm/V | - |
| HVR50 | 3.0 | 30KV | 0.25/.../10% TC25/50/100 <1ppm/V | 1/2/5/10/20% TC25/50/100 <1ppm/V | 5/10/20/30% TC100/250 <5ppm/V | 5/10/20/30% TC250/500 <25ppm/V | 10/20/30% TC/VCR on request |

注: 1) 温度系数25/50; 温度范围+25°C~+85°C

1) TCR25/50; Temperature range+25°C~+85°C

2) 电压系数在10V和100V之间测量

2) VCR measured between 10V and 100V

更好的精度、温度系数和电压系数及其他外形尺寸或电压分流器可按要求和协议提供

Closed values of tolerance, TCR and VCR, other dimensions or voltage dividers on request and agreement

订货示例 How To Order

例如 Example

| | | | | | | |
|--------------|----------------|----------------------|-----------------------|-----------------------------------------------------|---------------------------------------------------------------|-------------------|
| HVR | 30 | 1.0W | 100MΩ | ±0.25% | ±100ppm | 盒装 |
| 产品型号 Type | 类型 Style | 功率 Power | 标称阻值 Nominal Value | 精度 Tolerance | 温度系数 TCR | 包装方式 Packaging |
| HVR | 30 40 50 | 1.0W 1.2W 3.0W | 100MΩ | ±0.25% ±1% ±2% ±5% ±10% ±20% ±30% | ±25ppm ±50ppm ±100ppm ±250ppm ±500ppm ±1000ppm | 盒装 box 袋装 bag |

包装说明: 包装塑料自封袋包装 (起订量30只)。

Packaging: Plastic recloseable bags (moq: 30PCS)