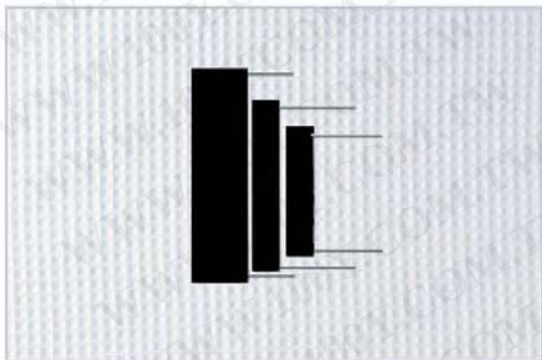
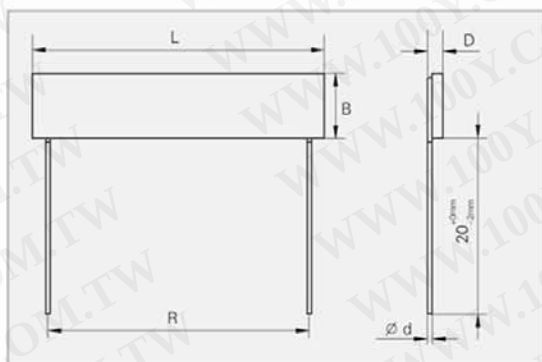


HVR型高压电阻 HIGH VOLTAGE RESISTORS SERIES HVR30, 40, 50



产品特点 FEATURES

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



外形尺寸 DIMENSIONS

尺寸(size)	L	B	D	R	d
HVR30	30.0	6.0	1.4	27.5	0.40 $\pm$ 0.05
HVR40	40.0	6.0	1.4	37.8	0.40 $\pm$ 0.05
HVR50	50.0	12.5	1.4	47.8	0.40 $\pm$ 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: $\pm 0.5\text{mm}$

Tolerance of dimensions: $\pm 0.5\text{mm}$

包装方式 PACKAGING

- 用塑料袋或盒子散装
- Bulk in plastic bags or boxes
- 最小数量: 每种阻值30只
- Minimum quantity: 30 pieces per value

供货示例 ORDERING DATA

- 型号—阻值—精度—温度系数—测量电压
- Type—value—tolerance—TCR—measuring voltage
- 例如: HVR30 10G $\pm$ 10% TCR100 20V
- Example: HVR30 10G $\pm$ 10% TCR100 20V
- 如果没有提供温度系数和测量电压数据, 可用标准值(下页中最高值)和测量电压10V
- If no data for TCR and measuring voltage are supplied, the standard value (highest value in the table on next page) and measuring voltage of 10V is used

HVR型高压电阻 HIGH VOLTAGE RESISTORS SERIES HVR30, 40, 50

技术参数—根据不同尺寸 TECHNICAL DATA-DEPENDING ON SIZE

尺寸 (Size)	HVR30	HVR40	HVR50
额定功率 $P_{70}(W)$ Power rating $P_{70}(W)$ ($P_{125}=0W$)	1.0	1.2	3.0
工作电压 $U_{-}, U_{eff}(V)$ Working voltage $U_{-}, U_{eff}(V)$	10KV	20KV	30KV

阻值范围/精度/温度系数 ¹⁾ /电压系数 ²⁾ Ranges/Tolerances/TCR ¹⁾ /VCR ²⁾	HVR30	HVR40	HVR50
1M-100M	0.25/■/10% TC25/50/100 <2ppm/V	0.25/■/10% TC25/50/100 <1ppm/V	0.25/■/10% TC25/50/100 <1ppm/V
>100M-1G	1/2/5/10/20% TC50/100/250 <5ppm/V	1/2/5/10/20% TC50/100/250 <2ppm/V	1/2/5/10/20% TC25/50/100 <1ppm/V
>1G-100G	5/10/20/30% TC250/500 <20ppm/V	5/10/20/30% TC250/500 <10ppm/V	5/10/20/30% TC100/250 <5ppm/V
>100G-1T	5/10/20/30% TC500/1000 <100ppm/V	5/10/20/30% TC500/1000 <50ppm/V	5/10/20/30% TC250/500 <25ppm/V
>1T-10T	-	-	10/20/30% TC500/1000 <100ppm/V

- 1) 温度系数25/50: 温度范围+25℃~+85℃
- 1) TCR25/50: Temperature range+25℃~+85℃
- 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
- Closer values of tolerance, TCR and VCR, other dimensions or voltage dividers on request and agreement

特性参数—通用 TECHNICAL DATA-GENERAL

温度范围 Temperature range	-55℃ ~ +125℃
气候类型按 IEC60068 Climatic category to IEC 60068	55/125/56
湿度-/接触保护 Humidity-/contact protection	漆涂覆 Lacquer coating

长期稳定性 Long term stability	≤ 10G	> 10G
高温贮存125℃/1000h Storage 125℃/1000h	< 1%	< 2%
最大电压/1000h Max. voltage/1000h	< 1%	< 2%