

# HVLR

## 精密无感高压电阻

|      |                                    |
|------|------------------------------------|
| 阻值范围 | 1K $\Omega$ ~1G $\Omega$           |
| 最高精度 | $\pm 0.1\%$                        |
| 温度系数 | $\pm 100\text{ppm}/^\circ\text{C}$ |
| 工作电压 | 48000V <sub>max</sub>              |

### 适用于

医疗设备  
电气设备  
仪器仪表  
汽车电子  
测试测量设备

丰全球电子产业羽翼  
解客户设计制造难题

### 精密无感高压电阻

### 高精度，高电压，低电压系数，高可靠性

#### 产品优势

精密无感高压电阻采用精密厚膜工艺技术，应用开步电子自主开发的电子浆料，以氧化铝瓷棒为载体，基于从丝网印刷至封装测试全制程的精密制造能力，该系列产品在-25°C~+125°C范围内的温度系数可达±100ppm/°C以内，最高目标精度可达±0.1%，电压系数典型值可达0.01ppm/V。

电压系数通常为高压电阻核心关注的电气参数之一，由于电子浆料为导电和非导电的材料混合制成，在高压通电环境下非导电的介质被激活形成并联电阻，从而使电阻器阻值发生一定变化，低电压系数主要由电子浆料的制造水平和制程工艺所决定。该系列产品出厂前会经过100%的高压通电测试，确保每一颗电阻在高压条件下的性能指标。

本系列产品的核心材料，核心工艺均已实现自主可控，质量稳定，交付及时，如标准的规格不能满足您的需求，请联系我们的销售人员咨询，睿思致力于为用户提供最佳的精密电阻解决方案，满足仪器仪表、医疗设备、汽车电子、精密电源、军工航天、电气设备、测试测量设备等客户的需求。



#### 电气参数

| 系列号  | 产品规格 | 功率<br>(+125°C) | 最大<br>工作电压* | 工作<br>温度范围   | 温度系数<br>ppm/°C                      | 阻值范围<br>Ω | 单支重量<br>g | 精度<br>%    |
|------|------|----------------|-------------|--------------|-------------------------------------|-----------|-----------|------------|
| HVLR | 1505 | 0.7W           | 2500V       | -55°C~+175°C | ±100<br>(-25°C ~ +125°C, +25°C ref) | 1KΩ~1GΩ   | 1.70±1    | ±0.1~±10.0 |
| HVLR | 1905 | 1.0W           | 3500V       | -55°C~+175°C | ±100<br>(-25°C ~ +125°C, +25°C ref) | 1KΩ~1GΩ   | 1.93±1    | ±0.1~±10.0 |
| HVLR | 2505 | 1.2W           | 5500V       | -55°C~+175°C | ±100<br>(-25°C ~ +125°C, +25°C ref) | 1KΩ~1GΩ   | 2.45±1    | ±0.1~±10.0 |
| HVLR | 2408 | 2.0W           | 5500V       | -55°C~+175°C | ±100<br>(-25°C ~ +125°C, +25°C ref) | 1KΩ~1GΩ   | 5.16±2    | ±0.1~±10.0 |
| HVLR | 3908 | 3.0W           | 10000V      | -55°C~+175°C | ±100<br>(-25°C ~ +125°C, +25°C ref) | 1KΩ~1GΩ   | 7.57±2    | ±0.1~±10.0 |
| HVLR | 5208 | 5.0W           | 15000V      | -55°C~+175°C | ±100<br>(-25°C ~ +125°C, +25°C ref) | 1KΩ~1GΩ   | 9.58±2    | ±0.1~±10.0 |
| HVLR | 7609 | 7.5W           | 22500V      | -55°C~+175°C | ±100<br>(-25°C ~ +125°C, +25°C ref) | 1KΩ~1GΩ   | 18.60±2   | ±0.1~±10.0 |
| HVLR | 1029 | 10.0W          | 32000V      | -55°C~+175°C | ±100<br>(-25°C ~ +125°C, +25°C ref) | 1KΩ~1GΩ   | 23.63±2   | ±0.1~±10.0 |
| HVLR | 1179 | 11.0W          | 35000V      | -55°C~+175°C | ±100<br>(-25°C ~ +125°C, +25°C ref) | 1KΩ~1GΩ   | 26.24±2   | ±0.1~±10.0 |
| HVLR | 1279 | 12.0W          | 40000V      | -55°C~+175°C | ±100<br>(-25°C ~ +125°C, +25°C ref) | 1KΩ~1GΩ   | 28.56±2   | ±0.1~±10.0 |
| HVLR | 1379 | 13.0W          | 45000V      | -55°C~+175°C | ±100<br>(-25°C ~ +125°C, +25°C ref) | 1KΩ~1GΩ   | 31.64±2   | ±0.1~±10.0 |
| HVLR | 1529 | 15.0W          | 48000V      | -55°C~+175°C | ±100<br>(-25°C ~ +125°C, +25°C ref) | 1KΩ~1GΩ   | 34.34±2   | ±0.1~±10.0 |

\*电阻器的最大工作电压应在 $U=\sqrt{P \cdot R}$ 与 $U_{max}$ 两个限值中取较小值计算。

## 结构尺寸图

单位: mm



| 系列号  | 产品规格 | 阻值范围    | 尺寸:A<br>mm | 尺寸:B<br>mm | 尺寸:C<br>mm | 尺寸:D<br>mm |
|------|------|---------|------------|------------|------------|------------|
| HVLR | 1505 | 1KΩ~1GΩ | 15±1.5     | 5±1.0      | 0.8±0.1    | 6.5±1.0    |
| HVLR | 1905 | 1KΩ~1GΩ | 19±1.5     | 5±1.0      | 0.8±0.1    | 6.5±1.0    |
| HVLR | 2505 | 1KΩ~1GΩ | 25.4±1.5   | 5±1.0      | 0.8±0.1    | 6.5±1.0    |
| HVLR | 2408 | 1KΩ~1GΩ | 24±1.5     | 8±1.0      | 1.0±0.1    | 9.5±1.0    |
| HVLR | 3908 | 1KΩ~1GΩ | 39±1.5     | 8±1.0      | 1.0±0.1    | 9.5±1.0    |
| HVLR | 5208 | 1KΩ~1GΩ | 52±1.5     | 8±1.0      | 1.0±0.1    | 9.5±1.0    |
| HVLR | 7609 | 1KΩ~1GΩ | 76±1.5     | 9±1.0      | 1.0±0.1    | 10.5±1.0   |
| HVLR | 1029 | 1KΩ~1GΩ | 102±1.5    | 9±1.0      | 1.0±0.1    | 10.5±1.0   |
| HVLR | 1179 | 1KΩ~1GΩ | 117±1.5    | 9±1.0      | 1.0±0.1    | 10.5±1.0   |
| HVLR | 1279 | 1KΩ~1GΩ | 127±1.5    | 9±1.0      | 1.0±0.1    | 10.5±1.0   |
| HVLR | 1379 | 1KΩ~1GΩ | 137±1.5    | 9±1.0      | 1.0±0.1    | 10.5±1.0   |
| HVLR | 1529 | 1KΩ~1GΩ | 152±1.5    | 9±1.0      | 1.0±0.1    | 10.5±1.0   |

### 性能指标

| 测试项目 | 测试方法  | 依据标准                                | 参数指标                    |
|------|---|-------------------------------------|-------------------------|
| 电压系数 | (25±5)°C, 分别施加10%额定电压和100%额定电压<br>加压时间≤0.5s, 间断时间5s   | MIL-STD-202 Method 309              | 典型值0.01ppm/V, 最大值2ppm/V |
| 耐电压  | 在引脚与环氧外壳间施加4500VDC的电压, 保持60s                          | IEC 60115-1 4.7                     | 无击穿或飞弧, ΔR≤±0.5%        |
| 热冲击  | -55°C, 15分钟~常温<20秒~+150°C, 15分钟, 1000个<br>循环          | MIL-STD-202 Method 107              | ΔR≤±1.0%                |
| 短时过载 | 5倍额定功率, 但不超过1.5倍最大持续工作电压, 持续5秒钟                       | IEC60115-1-2008 4.13                | ΔR≤±0.5%                |
| 高温高湿 | +85°C, 85%RH, 加载10%额定功率, 1000小时, 试验<br>结束后24±4小时内进行测试 | MIL-STD-202 Method 103              | ΔR≤±1.0%                |
| 高温存储 | +150°C, 持续1000h, 不加载                                  | MIL-STD-202 Method 108              | ΔR≤±1.0%                |
| 抗潮湿  | +85°C, 85%RH, 0.1倍额定功率, 1000小时                        | MIL-STD-202 Method 106              | ΔR≤±1.0%                |
| 机械冲击 | 正半弦波, 峰值加速度100g's, 脉冲持续6ms, 三轴六向<br>各3次               | MIL-STD-202 Method 213              | ΔR≤±0.5%                |
| 振动试验 | 频率1分钟内从10Hz到2000Hz变化, X-Y-Z方向, 持续12小时                 | MIL-STD-202 Method 204              | ΔR≤±0.5%                |
| 负载寿命 | 额定功率, 1.5小时开, 0.5小时关, 持续1000小时<br>(环境温度125°C)         | MIL-STD-202 Method 108              | ΔR≤±1.0%                |
| 温度系数 | 测量点-25°C和+125°C, 参考点+25°C                             | AEC-Q200 TEST 18<br>IEC 60115-1 4.8 | 最大值在±100ppm/°C以内        |

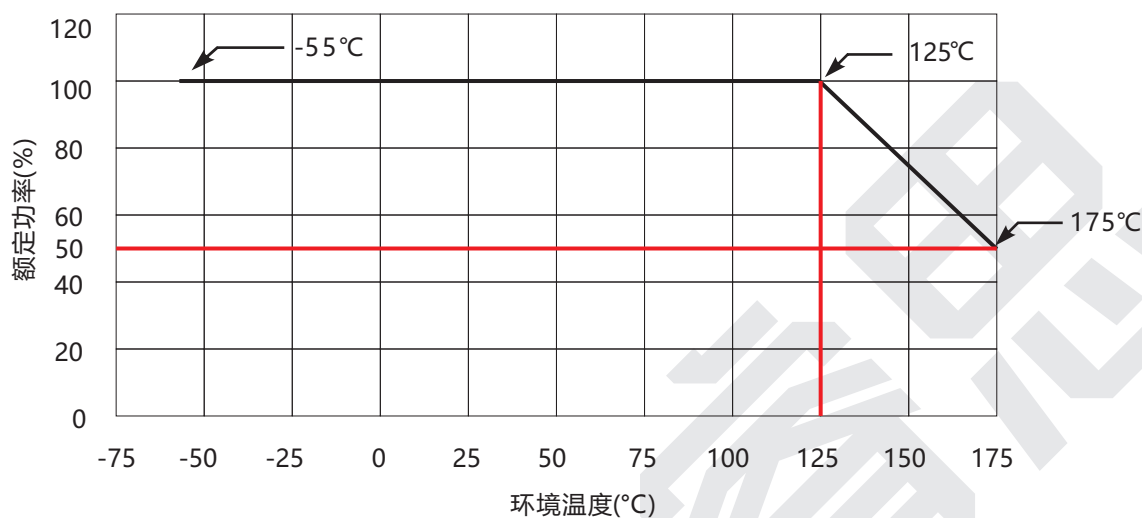
### 选型表

选型示例: HVLR1505F100MK9 (HVLR 1505 ±1% 100MΩ ±100ppm/°C 标准品)

| 系列号  | 尺寸 (长*直径)  | 精度  | 阻值                               | 温漂          | 包装               |
|------|--|---|----------------------------------|-------------|------------------|
| HVLR | 1505 7609<br>1905 1029<br>2505 1179<br>2408 1279<br>3908 1379<br>5208 1529 | B=±0.1%<br>D=±0.5%<br>F=±1.0%<br>G=±2.0%<br>J=±5.0%<br>K=±10% | 1K00=1KΩ<br>1M00=1MΩ<br>1G00=1GΩ | K=100ppm/°C | 9=标准品<br>0-8=定制品 |

如需要更小或更大尺寸, 更高电压, 更高精度, 更低温度系数的产品, 请联系我们定制开发。

### 降功耗曲线图



### 电阻结构图



### 丝印说明

产品丝印构成为：品牌标识+产品型号+生产周期

#### 尺寸

#### 图形示例

#### 示例说明

HVLR5208



RESI: 品牌标识  
HVLR5208K10M0K9: 产品型号  
2330: 生产周期

## 安装建议

- (1) 下图为该系列电阻器通常应用的安装方式，电阻器应水平安装于PCB两焊盘之间，两端引脚的长度应保持一致。
- (2) 见下图示例，建议电阻器丝印标识面朝上放置，便于读取产品规格型号及生产周期。
- (3) 见下图示例，因该系列电阻器通常应用于高电压工况，建议电阻器外壳距离PCB板的间隙应保持 $\geq 1.5\text{mm}$ 。



(4) 电阻器最小的引脚内侧弯曲半径参考如下表：

| 引脚的直径(D)    | 最小的引脚内侧弯曲半径(R) |
|-------------|----------------|
| < 0.6mm     | 1 倍引脚直径        |
| 0.6mm~1.2mm | 1.5 倍引脚直径      |
| > 1.2mm     | 2 倍引脚直径        |



(5) 该系列电阻器可封装在变压器油中使用。

## 包装说明

该系列电阻器采用静电袋真空密封包装，各规格最小包装数量请参考常备型号页。

## 安全存储说明

- (1) 电阻器应储存在温度为 $5\text{ }^{\circ}\text{C}$ 至 $35\text{ }^{\circ}\text{C}$ ，湿度 $\leq 60\% \text{ RH}$ ，且湿度应尽量保持在低水平。
- (2) 电阻器应避免受到阳光直射。
- (3) 电阻器应存放在干净干燥、无有害气体(氯化氢、硫酸气、硫化氢等)的环境中。
- (4) 安装以及存储取放应轻拿轻放，防止外部撞击导致电阻器发生机械损伤或者引线变形。
- (5) 在上述储存条件下，电阻器可按出厂状态保存至少1年。

### 常备型号

| 型号              | 尺寸   | 精度  | 阻值    | SPQ | 温度系数       | 功率   | 最大工作电压 |
|-----------------|------|-----|-------|-----|------------|------|--------|
| HVLR1505J1K00K9 | 1505 | ±5% | 1KΩ   | 50  | ±100ppm/°C | 0.7W | 26V    |
| HVLR1505J2K00K9 | 1505 | ±5% | 2KΩ   | 50  | ±100ppm/°C | 0.7W | 37V    |
| HVLR1505J5K00K9 | 1505 | ±5% | 5KΩ   | 50  | ±100ppm/°C | 0.7W | 59V    |
| HVLR1505J10K0K9 | 1505 | ±5% | 10KΩ  | 50  | ±100ppm/°C | 0.7W | 84V    |
| HVLR1505J20K0K9 | 1505 | ±5% | 20KΩ  | 50  | ±100ppm/°C | 0.7W | 118V   |
| HVLR1505J50K0K9 | 1505 | ±5% | 50KΩ  | 50  | ±100ppm/°C | 0.7W | 187V   |
| HVLR1505J100KK9 | 1505 | ±5% | 100KΩ | 50  | ±100ppm/°C | 0.7W | 265V   |
| HVLR1505J200KK9 | 1505 | ±5% | 200KΩ | 50  | ±100ppm/°C | 0.7W | 374V   |
| HVLR1505J500KK9 | 1505 | ±5% | 500KΩ | 50  | ±100ppm/°C | 0.7W | 592V   |
| HVLR1505J1M00K9 | 1505 | ±5% | 1MΩ   | 50  | ±100ppm/°C | 0.7W | 837V   |
| HVLR1505J2M00K9 | 1505 | ±5% | 2MΩ   | 50  | ±100ppm/°C | 0.7W | 1183V  |
| HVLR1505J2M50K9 | 1505 | ±5% | 2.5MΩ | 50  | ±100ppm/°C | 0.7W | 1323V  |
| HVLR1505J3M00K9 | 1505 | ±5% | 3MΩ   | 50  | ±100ppm/°C | 0.7W | 1449V  |
| HVLR1505J4M00K9 | 1505 | ±5% | 4MΩ   | 50  | ±100ppm/°C | 0.7W | 1673V  |
| HVLR1505J5M00K9 | 1505 | ±5% | 5MΩ   | 50  | ±100ppm/°C | 0.7W | 1871V  |
| HVLR1505J10M0K9 | 1505 | ±5% | 10MΩ  | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505J20M0K9 | 1505 | ±5% | 20MΩ  | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505J30M0K9 | 1505 | ±5% | 30MΩ  | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505J50M0K9 | 1505 | ±5% | 50MΩ  | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505J100MK9 | 1505 | ±5% | 100MΩ | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505J200MK9 | 1505 | ±5% | 200MΩ | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505J300MK9 | 1505 | ±5% | 300MΩ | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505J500MK9 | 1505 | ±5% | 500MΩ | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505J1G00K9 | 1505 | ±5% | 1GΩ   | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505F1K00K9 | 1505 | ±1% | 1KΩ   | 50  | ±100ppm/°C | 0.7W | 26V    |
| HVLR1505F2K00K9 | 1505 | ±1% | 2KΩ   | 50  | ±100ppm/°C | 0.7W | 37V    |
| HVLR1505F5K00K9 | 1505 | ±1% | 5KΩ   | 50  | ±100ppm/°C | 0.7W | 59V    |
| HVLR1505F10K0K9 | 1505 | ±1% | 10KΩ  | 50  | ±100ppm/°C | 0.7W | 84V    |
| HVLR1505F20K0K9 | 1505 | ±1% | 20KΩ  | 50  | ±100ppm/°C | 0.7W | 118V   |
| HVLR1505F50K0K9 | 1505 | ±1% | 50KΩ  | 50  | ±100ppm/°C | 0.7W | 187V   |
| HVLR1505F100KK9 | 1505 | ±1% | 100KΩ | 50  | ±100ppm/°C | 0.7W | 265V   |
| HVLR1505F200KK9 | 1505 | ±1% | 200KΩ | 50  | ±100ppm/°C | 0.7W | 374V   |
| HVLR1505F500KK9 | 1505 | ±1% | 500KΩ | 50  | ±100ppm/°C | 0.7W | 592V   |
| HVLR1505F1M00K9 | 1505 | ±1% | 1MΩ   | 50  | ±100ppm/°C | 0.7W | 837V   |
| HVLR1505F2M00K9 | 1505 | ±1% | 2MΩ   | 50  | ±100ppm/°C | 0.7W | 1183V  |
| HVLR1505F2M50K9 | 1505 | ±1% | 2.5MΩ | 50  | ±100ppm/°C | 0.7W | 1323V  |
| HVLR1505F3M00K9 | 1505 | ±1% | 3MΩ   | 50  | ±100ppm/°C | 0.7W | 1449V  |
| HVLR1505F4M00K9 | 1505 | ±1% | 4MΩ   | 50  | ±100ppm/°C | 0.7W | 1673V  |
| HVLR1505F5M00K9 | 1505 | ±1% | 5MΩ   | 50  | ±100ppm/°C | 0.7W | 1871V  |
| HVLR1505F10M0K9 | 1505 | ±1% | 10MΩ  | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505F20M0K9 | 1505 | ±1% | 20MΩ  | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505F30M0K9 | 1505 | ±1% | 30MΩ  | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505F50M0K9 | 1505 | ±1% | 50MΩ  | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505F100MK9 | 1505 | ±1% | 100MΩ | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505F200MK9 | 1505 | ±1% | 200MΩ | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505F300MK9 | 1505 | ±1% | 300MΩ | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505F500MK9 | 1505 | ±1% | 500MΩ | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1505F1G00K9 | 1505 | ±1% | 1GΩ   | 50  | ±100ppm/°C | 0.7W | 2500V  |
| HVLR1905J1K00K9 | 1905 | ±5% | 1KΩ   | 50  | ±100ppm/°C | 1W   | 32V    |
| HVLR1905J2K00K9 | 1905 | ±5% | 2KΩ   | 50  | ±100ppm/°C | 1W   | 45V    |
| HVLR1905J5K00K9 | 1905 | ±5% | 5KΩ   | 50  | ±100ppm/°C | 1W   | 71V    |
| HVLR1905J10K0K9 | 1905 | ±5% | 10KΩ  | 50  | ±100ppm/°C | 1W   | 100V   |
| HVLR1905J20K0K9 | 1905 | ±5% | 20KΩ  | 50  | ±100ppm/°C | 1W   | 141V   |
| HVLR1905J50K0K9 | 1905 | ±5% | 50KΩ  | 50  | ±100ppm/°C | 1W   | 224V   |
| HVLR1905J100KK9 | 1905 | ±5% | 100KΩ | 50  | ±100ppm/°C | 1W   | 316V   |

### 常备型号

| 型号               | 尺寸   | 精度  | 阻值    | SPQ | 温度系数       | 功率   | 最大工作电压 |
|------------------|------|-----|-------|-----|------------|------|--------|
| HVLR1905J200KK9  | 1905 | ±5% | 200KΩ | 50  | ±100ppm/°C | 1W   | 447V   |
| HVLR1905J500KK9  | 1905 | ±5% | 500KΩ | 50  | ±100ppm/°C | 1W   | 707V   |
| HVLR1905J1M00K9  | 1905 | ±5% | 1MΩ   | 50  | ±100ppm/°C | 1W   | 1000V  |
| HVLR1905J2M00K9  | 1905 | ±5% | 2MΩ   | 50  | ±100ppm/°C | 1W   | 1414V  |
| HVLR1905J2M50K9  | 1905 | ±5% | 2.5MΩ | 50  | ±100ppm/°C | 1W   | 1581V  |
| HVLR1905J3M00K9  | 1905 | ±5% | 3MΩ   | 50  | ±100ppm/°C | 1W   | 1732V  |
| HVLR1905J4M00K9  | 1905 | ±5% | 4MΩ   | 50  | ±100ppm/°C | 1W   | 2000V  |
| HVLR1905J5M00K9  | 1905 | ±5% | 5MΩ   | 50  | ±100ppm/°C | 1W   | 2236V  |
| HVLR1905J10M0K9  | 1905 | ±5% | 10MΩ  | 50  | ±100ppm/°C | 1W   | 3162V  |
| HVLR1905J20M0K9  | 1905 | ±5% | 20MΩ  | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905J30M0K9  | 1905 | ±5% | 30MΩ  | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905J50M0K9  | 1905 | ±5% | 50MΩ  | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905J100M0K9 | 1905 | ±5% | 100MΩ | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905J200M0K9 | 1905 | ±5% | 200MΩ | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905J300M0K9 | 1905 | ±5% | 300MΩ | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905J500M0K9 | 1905 | ±5% | 500MΩ | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905J1G00K9  | 1905 | ±5% | 1GΩ   | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905F1K00K9  | 1905 | ±1% | 1KΩ   | 50  | ±100ppm/°C | 1W   | 32V    |
| HVLR1905F2K00K9  | 1905 | ±1% | 2KΩ   | 50  | ±100ppm/°C | 1W   | 45V    |
| HVLR1905F5K00K9  | 1905 | ±1% | 5KΩ   | 50  | ±100ppm/°C | 1W   | 71V    |
| HVLR1905F10K0K9  | 1905 | ±1% | 10KΩ  | 50  | ±100ppm/°C | 1W   | 100V   |
| HVLR1905F20K0K9  | 1905 | ±1% | 20KΩ  | 50  | ±100ppm/°C | 1W   | 141V   |
| HVLR1905F50K0K9  | 1905 | ±1% | 50KΩ  | 50  | ±100ppm/°C | 1W   | 224V   |
| HVLR1905F100K0K9 | 1905 | ±1% | 100KΩ | 50  | ±100ppm/°C | 1W   | 316V   |
| HVLR1905F200K0K9 | 1905 | ±1% | 200KΩ | 50  | ±100ppm/°C | 1W   | 447V   |
| HVLR1905F500K0K9 | 1905 | ±1% | 500KΩ | 50  | ±100ppm/°C | 1W   | 707V   |
| HVLR1905F1M00K9  | 1905 | ±1% | 1MΩ   | 50  | ±100ppm/°C | 1W   | 1000V  |
| HVLR1905F2M00K9  | 1905 | ±1% | 2MΩ   | 50  | ±100ppm/°C | 1W   | 1414V  |
| HVLR1905F2M50K9  | 1905 | ±1% | 2.5MΩ | 50  | ±100ppm/°C | 1W   | 1581V  |
| HVLR1905F3M00K9  | 1905 | ±1% | 3MΩ   | 50  | ±100ppm/°C | 1W   | 1732V  |
| HVLR1905F4M00K9  | 1905 | ±1% | 4MΩ   | 50  | ±100ppm/°C | 1W   | 2000V  |
| HVLR1905F5M00K9  | 1905 | ±1% | 5MΩ   | 50  | ±100ppm/°C | 1W   | 2236V  |
| HVLR1905F10M0K9  | 1905 | ±1% | 10MΩ  | 50  | ±100ppm/°C | 1W   | 3162V  |
| HVLR1905F20M0K9  | 1905 | ±1% | 20MΩ  | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905F30M0K9  | 1905 | ±1% | 30MΩ  | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905F50M0K9  | 1905 | ±1% | 50MΩ  | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905F100M0K9 | 1905 | ±1% | 100MΩ | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905F200M0K9 | 1905 | ±1% | 200MΩ | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905F300M0K9 | 1905 | ±1% | 300MΩ | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905F500M0K9 | 1905 | ±1% | 500MΩ | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR1905F1G00K9  | 1905 | ±1% | 1GΩ   | 50  | ±100ppm/°C | 1W   | 3500V  |
| HVLR2505J1K00K9  | 2505 | ±5% | 1KΩ   | 50  | ±100ppm/°C | 1.2W | 35V    |
| HVLR2505J2K00K9  | 2505 | ±5% | 2KΩ   | 50  | ±100ppm/°C | 1.2W | 49V    |
| HVLR2505J5K00K9  | 2505 | ±5% | 5KΩ   | 50  | ±100ppm/°C | 1.2W | 77V    |
| HVLR2505J10K0K9  | 2505 | ±5% | 10KΩ  | 50  | ±100ppm/°C | 1.2W | 110V   |
| HVLR2505J20K0K9  | 2505 | ±5% | 20KΩ  | 50  | ±100ppm/°C | 1.2W | 155V   |
| HVLR2505J50K0K9  | 2505 | ±5% | 50KΩ  | 50  | ±100ppm/°C | 1.2W | 245V   |
| HVLR2505J100K0K9 | 2505 | ±5% | 100KΩ | 50  | ±100ppm/°C | 1.2W | 346V   |
| HVLR2505J200K0K9 | 2505 | ±5% | 200KΩ | 50  | ±100ppm/°C | 1.2W | 490V   |
| HVLR2505J500K0K9 | 2505 | ±5% | 500KΩ | 50  | ±100ppm/°C | 1.2W | 775V   |
| HVLR2505J1M00K9  | 2505 | ±5% | 1MΩ   | 50  | ±100ppm/°C | 1.2W | 1095V  |
| HVLR2505J2M00K9  | 2505 | ±5% | 2MΩ   | 50  | ±100ppm/°C | 1.2W | 1549V  |
| HVLR2505J2M50K9  | 2505 | ±5% | 2.5MΩ | 50  | ±100ppm/°C | 1.2W | 1732V  |
| HVLR2505J3M00K9  | 2505 | ±5% | 3MΩ   | 50  | ±100ppm/°C | 1.2W | 1897V  |
| HVLR2505J4M00K9  | 2505 | ±5% | 4MΩ   | 50  | ±100ppm/°C | 1.2W | 2191V  |



### 常备型号

| 型号              | 尺寸   | 精度  | 阻值    | SPQ | 温度系数       | 功率   | 最大工作电压 |
|-----------------|------|-----|-------|-----|------------|------|--------|
| HVLR2505J5M00K9 | 2505 | ±5% | 5MΩ   | 50  | ±100ppm/°C | 1.2W | 2449V  |
| HVLR2505J10M0K9 | 2505 | ±5% | 10MΩ  | 50  | ±100ppm/°C | 1.2W | 3464V  |
| HVLR2505J20M0K9 | 2505 | ±5% | 20MΩ  | 50  | ±100ppm/°C | 1.2W | 4899V  |
| HVLR2505J30M0K9 | 2505 | ±5% | 30MΩ  | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505J50M0K9 | 2505 | ±5% | 50MΩ  | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505J100MK9 | 2505 | ±5% | 100MΩ | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505J200MK9 | 2505 | ±5% | 200MΩ | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505J300MK9 | 2505 | ±5% | 300MΩ | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505J500MK9 | 2505 | ±5% | 500MΩ | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505J1G00K9 | 2505 | ±5% | 1GΩ   | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505F1K00K9 | 2505 | ±1% | 1KΩ   | 50  | ±100ppm/°C | 1.2W | 35V    |
| HVLR2505F2K00K9 | 2505 | ±1% | 2KΩ   | 50  | ±100ppm/°C | 1.2W | 49V    |
| HVLR2505F5K00K9 | 2505 | ±1% | 5KΩ   | 50  | ±100ppm/°C | 1.2W | 77V    |
| HVLR2505F10K0K9 | 2505 | ±1% | 10KΩ  | 50  | ±100ppm/°C | 1.2W | 110V   |
| HVLR2505F20K0K9 | 2505 | ±1% | 20KΩ  | 50  | ±100ppm/°C | 1.2W | 155V   |
| HVLR2505F50K0K9 | 2505 | ±1% | 50KΩ  | 50  | ±100ppm/°C | 1.2W | 245V   |
| HVLR2505F100KK9 | 2505 | ±1% | 100KΩ | 50  | ±100ppm/°C | 1.2W | 346V   |
| HVLR2505F200KK9 | 2505 | ±1% | 200KΩ | 50  | ±100ppm/°C | 1.2W | 490V   |
| HVLR2505F500KK9 | 2505 | ±1% | 500KΩ | 50  | ±100ppm/°C | 1.2W | 775V   |
| HVLR2505F1M00K9 | 2505 | ±1% | 1MΩ   | 50  | ±100ppm/°C | 1.2W | 1095V  |
| HVLR2505F2M00K9 | 2505 | ±1% | 2MΩ   | 50  | ±100ppm/°C | 1.2W | 1549V  |
| HVLR2505F2M50K9 | 2505 | ±1% | 2.5MΩ | 50  | ±100ppm/°C | 1.2W | 1732V  |
| HVLR2505F3M00K9 | 2505 | ±1% | 3MΩ   | 50  | ±100ppm/°C | 1.2W | 1897V  |
| HVLR2505F4M00K9 | 2505 | ±1% | 4MΩ   | 50  | ±100ppm/°C | 1.2W | 2191V  |
| HVLR2505F5M00K9 | 2505 | ±1% | 5MΩ   | 50  | ±100ppm/°C | 1.2W | 2449V  |
| HVLR2505F10M0K9 | 2505 | ±1% | 10MΩ  | 50  | ±100ppm/°C | 1.2W | 3464V  |
| HVLR2505F20M0K9 | 2505 | ±1% | 20MΩ  | 50  | ±100ppm/°C | 1.2W | 4899V  |
| HVLR2505F30M0K9 | 2505 | ±1% | 30MΩ  | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505F50M0K9 | 2505 | ±1% | 50MΩ  | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505F100MK9 | 2505 | ±1% | 100MΩ | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505F200MK9 | 2505 | ±1% | 200MΩ | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505F300MK9 | 2505 | ±1% | 300MΩ | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505F500MK9 | 2505 | ±1% | 500MΩ | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2505F1G00K9 | 2505 | ±1% | 1GΩ   | 50  | ±100ppm/°C | 1.2W | 5500V  |
| HVLR2408J1K00K9 | 2408 | ±5% | 1KΩ   | 50  | ±100ppm/°C | 2W   | 45V    |
| HVLR2408J2K00K9 | 2408 | ±5% | 2KΩ   | 50  | ±100ppm/°C | 2W   | 63V    |
| HVLR2408J5K00K9 | 2408 | ±5% | 5KΩ   | 50  | ±100ppm/°C | 2W   | 100V   |
| HVLR2408J10K0K9 | 2408 | ±5% | 10KΩ  | 50  | ±100ppm/°C | 2W   | 141V   |
| HVLR2408J20K0K9 | 2408 | ±5% | 20KΩ  | 50  | ±100ppm/°C | 2W   | 200V   |
| HVLR2408J50K0K9 | 2408 | ±5% | 50KΩ  | 50  | ±100ppm/°C | 2W   | 316V   |
| HVLR2408J100KK9 | 2408 | ±5% | 100KΩ | 50  | ±100ppm/°C | 2W   | 447V   |
| HVLR2408J200KK9 | 2408 | ±5% | 200KΩ | 50  | ±100ppm/°C | 2W   | 632V   |
| HVLR2408J500KK9 | 2408 | ±5% | 500KΩ | 50  | ±100ppm/°C | 2W   | 1000V  |
| HVLR2408J1M00K9 | 2408 | ±5% | 1MΩ   | 50  | ±100ppm/°C | 2W   | 1414V  |
| HVLR2408J2M00K9 | 2408 | ±5% | 2MΩ   | 50  | ±100ppm/°C | 2W   | 2000V  |
| HVLR2408J2M50K9 | 2408 | ±5% | 2.5MΩ | 50  | ±100ppm/°C | 2W   | 2236V  |
| HVLR2408J3M00K9 | 2408 | ±5% | 3MΩ   | 50  | ±100ppm/°C | 2W   | 2449V  |
| HVLR2408J4M00K9 | 2408 | ±5% | 4MΩ   | 50  | ±100ppm/°C | 2W   | 2828V  |
| HVLR2408J5M00K9 | 2408 | ±5% | 5MΩ   | 50  | ±100ppm/°C | 2W   | 3162V  |
| HVLR2408J10M0K9 | 2408 | ±5% | 10MΩ  | 50  | ±100ppm/°C | 2W   | 4472V  |
| HVLR2408J20M0K9 | 2408 | ±5% | 20MΩ  | 50  | ±100ppm/°C | 2W   | 5500V  |
| HVLR2408J30M0K9 | 2408 | ±5% | 30MΩ  | 50  | ±100ppm/°C | 2W   | 5500V  |
| HVLR2408J50M0K9 | 2408 | ±5% | 50MΩ  | 50  | ±100ppm/°C | 2W   | 5500V  |
| HVLR2408J100MK9 | 2408 | ±5% | 100MΩ | 50  | ±100ppm/°C | 2W   | 5500V  |
| HVLR2408J200MK9 | 2408 | ±5% | 200MΩ | 50  | ±100ppm/°C | 2W   | 5500V  |

### 常备型号

| 型号              | 尺寸   | 精度  | 阻值    | SPQ | 温度系数       | 功率 | 最大工作电压 |
|-----------------|------|-----|-------|-----|------------|----|--------|
| HVLR2408J300MK9 | 2408 | ±5% | 300MΩ | 50  | ±100ppm/°C | 2W | 5500V  |
| HVLR2408J500MK9 | 2408 | ±5% | 500MΩ | 50  | ±100ppm/°C | 2W | 5500V  |
| HVLR2408J1G00K9 | 2408 | ±5% | 1GΩ   | 50  | ±100ppm/°C | 2W | 5500V  |
| HVLR2408F1K00K9 | 2408 | ±1% | 1KΩ   | 50  | ±100ppm/°C | 2W | 45V    |
| HVLR2408F2K00K9 | 2408 | ±1% | 2KΩ   | 50  | ±100ppm/°C | 2W | 63V    |
| HVLR2408F5K00K9 | 2408 | ±1% | 5KΩ   | 50  | ±100ppm/°C | 2W | 100V   |
| HVLR2408F10K0K9 | 2408 | ±1% | 10KΩ  | 50  | ±100ppm/°C | 2W | 141V   |
| HVLR2408F20K0K9 | 2408 | ±1% | 20KΩ  | 50  | ±100ppm/°C | 2W | 200V   |
| HVLR2408F50K0K9 | 2408 | ±1% | 50KΩ  | 50  | ±100ppm/°C | 2W | 316V   |
| HVLR2408F100K9  | 2408 | ±1% | 100KΩ | 50  | ±100ppm/°C | 2W | 447V   |
| HVLR2408F200K9  | 2408 | ±1% | 200KΩ | 50  | ±100ppm/°C | 2W | 632V   |
| HVLR2408F500K9  | 2408 | ±1% | 500KΩ | 50  | ±100ppm/°C | 2W | 1000V  |
| HVLR2408F1M00K9 | 2408 | ±1% | 1MΩ   | 50  | ±100ppm/°C | 2W | 1414V  |
| HVLR2408F2M00K9 | 2408 | ±1% | 2MΩ   | 50  | ±100ppm/°C | 2W | 2000V  |
| HVLR2408F2M50K9 | 2408 | ±1% | 2.5MΩ | 50  | ±100ppm/°C | 2W | 2236V  |
| HVLR2408F3M00K9 | 2408 | ±1% | 3MΩ   | 50  | ±100ppm/°C | 2W | 2449V  |
| HVLR2408F4M00K9 | 2408 | ±1% | 4MΩ   | 50  | ±100ppm/°C | 2W | 2828V  |
| HVLR2408F5M00K9 | 2408 | ±1% | 5MΩ   | 50  | ±100ppm/°C | 2W | 3162V  |
| HVLR2408F10M0K9 | 2408 | ±1% | 10MΩ  | 50  | ±100ppm/°C | 2W | 4472V  |
| HVLR2408F20M0K9 | 2408 | ±1% | 20MΩ  | 50  | ±100ppm/°C | 2W | 5500V  |
| HVLR2408F30M0K9 | 2408 | ±1% | 30MΩ  | 50  | ±100ppm/°C | 2W | 5500V  |
| HVLR2408F50M0K9 | 2408 | ±1% | 50MΩ  | 50  | ±100ppm/°C | 2W | 5500V  |
| HVLR2408F100MK9 | 2408 | ±1% | 100MΩ | 50  | ±100ppm/°C | 2W | 5500V  |
| HVLR2408F200MK9 | 2408 | ±1% | 200MΩ | 50  | ±100ppm/°C | 2W | 5500V  |
| HVLR2408F300MK9 | 2408 | ±1% | 300MΩ | 50  | ±100ppm/°C | 2W | 5500V  |
| HVLR2408F500MK9 | 2408 | ±1% | 500MΩ | 50  | ±100ppm/°C | 2W | 5500V  |
| HVLR2408F1G00K9 | 2408 | ±1% | 1GΩ   | 50  | ±100ppm/°C | 2W | 5500V  |
| HVLR3908J1K00K9 | 3908 | ±5% | 1KΩ   | 25  | ±100ppm/°C | 3W | 55V    |
| HVLR3908J2K00K9 | 3908 | ±5% | 2KΩ   | 25  | ±100ppm/°C | 3W | 77V    |
| HVLR3908J5K00K9 | 3908 | ±5% | 5KΩ   | 25  | ±100ppm/°C | 3W | 122V   |
| HVLR3908J10K0K9 | 3908 | ±5% | 10KΩ  | 25  | ±100ppm/°C | 3W | 173V   |
| HVLR3908J20K0K9 | 3908 | ±5% | 20KΩ  | 25  | ±100ppm/°C | 3W | 245V   |
| HVLR3908J50K0K9 | 3908 | ±5% | 50KΩ  | 25  | ±100ppm/°C | 3W | 387V   |
| HVLR3908J100K9  | 3908 | ±5% | 100KΩ | 25  | ±100ppm/°C | 3W | 548V   |
| HVLR3908J200K9  | 3908 | ±5% | 200KΩ | 25  | ±100ppm/°C | 3W | 775V   |
| HVLR3908J500K9  | 3908 | ±5% | 500KΩ | 25  | ±100ppm/°C | 3W | 1225V  |
| HVLR3908J1M00K9 | 3908 | ±5% | 1MΩ   | 25  | ±100ppm/°C | 3W | 1732V  |
| HVLR3908J2M00K9 | 3908 | ±5% | 2MΩ   | 25  | ±100ppm/°C | 3W | 2449V  |
| HVLR3908J2M50K9 | 3908 | ±5% | 2.5MΩ | 25  | ±100ppm/°C | 3W | 2739V  |
| HVLR3908J3M00K9 | 3908 | ±5% | 3MΩ   | 25  | ±100ppm/°C | 3W | 3000V  |
| HVLR3908J4M00K9 | 3908 | ±5% | 4MΩ   | 25  | ±100ppm/°C | 3W | 3464V  |
| HVLR3908J5M00K9 | 3908 | ±5% | 5MΩ   | 25  | ±100ppm/°C | 3W | 3873V  |
| HVLR3908J10M0K9 | 3908 | ±5% | 10MΩ  | 25  | ±100ppm/°C | 3W | 5477V  |
| HVLR3908J20M0K9 | 3908 | ±5% | 20MΩ  | 25  | ±100ppm/°C | 3W | 7746V  |
| HVLR3908J30M0K9 | 3908 | ±5% | 30MΩ  | 25  | ±100ppm/°C | 3W | 9487V  |
| HVLR3908J50M0K9 | 3908 | ±5% | 50MΩ  | 25  | ±100ppm/°C | 3W | 10000V |
| HVLR3908J100MK9 | 3908 | ±5% | 100MΩ | 25  | ±100ppm/°C | 3W | 10000V |
| HVLR3908J200MK9 | 3908 | ±5% | 200MΩ | 25  | ±100ppm/°C | 3W | 10000V |
| HVLR3908J300MK9 | 3908 | ±5% | 300MΩ | 25  | ±100ppm/°C | 3W | 10000V |
| HVLR3908J500MK9 | 3908 | ±5% | 500MΩ | 25  | ±100ppm/°C | 3W | 10000V |
| HVLR3908J1G00K9 | 3908 | ±5% | 1GΩ   | 25  | ±100ppm/°C | 3W | 10000V |
| HVLR3908F1K00K9 | 3908 | ±1% | 1KΩ   | 25  | ±100ppm/°C | 3W | 55V    |
| HVLR3908F2K00K9 | 3908 | ±1% | 2KΩ   | 25  | ±100ppm/°C | 3W | 77V    |
| HVLR3908F5K00K9 | 3908 | ±1% | 5KΩ   | 25  | ±100ppm/°C | 3W | 122V   |
| HVLR3908F10K0K9 | 3908 | ±1% | 10KΩ  | 25  | ±100ppm/°C | 3W | 173V   |

### 常备型号

| 型号              | 尺寸   | 精度  | 阻值    | SPQ | 温度系数       | 功率 | 最大工作电压 |
|-----------------|------|-----|-------|-----|------------|----|--------|
| HVLR3908F20K0K9 | 3908 | ±1% | 20KΩ  | 25  | ±100ppm/°C | 3W | 245V   |
| HVLR3908F50K0K9 | 3908 | ±1% | 50KΩ  | 25  | ±100ppm/°C | 3W | 387V   |
| HVLR3908F100KK9 | 3908 | ±1% | 100KΩ | 25  | ±100ppm/°C | 3W | 548V   |
| HVLR3908F200KK9 | 3908 | ±1% | 200KΩ | 25  | ±100ppm/°C | 3W | 775V   |
| HVLR3908F500KK9 | 3908 | ±1% | 500KΩ | 25  | ±100ppm/°C | 3W | 1225V  |
| HVLR3908F1M00K9 | 3908 | ±1% | 1MΩ   | 25  | ±100ppm/°C | 3W | 1732V  |
| HVLR3908F2M00K9 | 3908 | ±1% | 2MΩ   | 25  | ±100ppm/°C | 3W | 2449V  |
| HVLR3908F2M50K9 | 3908 | ±1% | 2.5MΩ | 25  | ±100ppm/°C | 3W | 2739V  |
| HVLR3908F3M00K9 | 3908 | ±1% | 3MΩ   | 25  | ±100ppm/°C | 3W | 3000V  |
| HVLR3908F4M00K9 | 3908 | ±1% | 4MΩ   | 25  | ±100ppm/°C | 3W | 3464V  |
| HVLR3908F5M00K9 | 3908 | ±1% | 5MΩ   | 25  | ±100ppm/°C | 3W | 3873V  |
| HVLR3908F10M0K9 | 3908 | ±1% | 10MΩ  | 25  | ±100ppm/°C | 3W | 5477V  |
| HVLR3908F20M0K9 | 3908 | ±1% | 20MΩ  | 25  | ±100ppm/°C | 3W | 7746V  |
| HVLR3908F30M0K9 | 3908 | ±1% | 30MΩ  | 25  | ±100ppm/°C | 3W | 9487V  |
| HVLR3908F50M0K9 | 3908 | ±1% | 50MΩ  | 25  | ±100ppm/°C | 3W | 10000V |
| HVLR3908F100MK9 | 3908 | ±1% | 100MΩ | 25  | ±100ppm/°C | 3W | 10000V |
| HVLR3908F200MK9 | 3908 | ±1% | 200MΩ | 25  | ±100ppm/°C | 3W | 10000V |
| HVLR3908F300MK9 | 3908 | ±1% | 300MΩ | 25  | ±100ppm/°C | 3W | 10000V |
| HVLR3908F500MK9 | 3908 | ±1% | 500MΩ | 25  | ±100ppm/°C | 3W | 10000V |
| HVLR3908F1G00K9 | 3908 | ±1% | 1GΩ   | 25  | ±100ppm/°C | 3W | 10000V |
| HVLR5208J1K00K9 | 5208 | ±5% | 1KΩ   | 25  | ±100ppm/°C | 5W | 71V    |
| HVLR5208J2K00K9 | 5208 | ±5% | 2KΩ   | 25  | ±100ppm/°C | 5W | 100V   |
| HVLR5208J5K00K9 | 5208 | ±5% | 5KΩ   | 25  | ±100ppm/°C | 5W | 158V   |
| HVLR5208J10K0K9 | 5208 | ±5% | 10KΩ  | 25  | ±100ppm/°C | 5W | 224V   |
| HVLR5208J20K0K9 | 5208 | ±5% | 20KΩ  | 25  | ±100ppm/°C | 5W | 316V   |
| HVLR5208J50K0K9 | 5208 | ±5% | 50KΩ  | 25  | ±100ppm/°C | 5W | 500V   |
| HVLR5208J100KK9 | 5208 | ±5% | 100KΩ | 25  | ±100ppm/°C | 5W | 707V   |
| HVLR5208J200KK9 | 5208 | ±5% | 200KΩ | 25  | ±100ppm/°C | 5W | 1000V  |
| HVLR5208J500KK9 | 5208 | ±5% | 500KΩ | 25  | ±100ppm/°C | 5W | 1581V  |
| HVLR5208J1M00K9 | 5208 | ±5% | 1MΩ   | 25  | ±100ppm/°C | 5W | 2236V  |
| HVLR5208J2M00K9 | 5208 | ±5% | 2MΩ   | 25  | ±100ppm/°C | 5W | 3162V  |
| HVLR5208J2M50K9 | 5208 | ±5% | 2.5MΩ | 25  | ±100ppm/°C | 5W | 3536V  |
| HVLR5208J3M00K9 | 5208 | ±5% | 3MΩ   | 25  | ±100ppm/°C | 5W | 3873V  |
| HVLR5208J4M00K9 | 5208 | ±5% | 4MΩ   | 25  | ±100ppm/°C | 5W | 4472V  |
| HVLR5208J5M00K9 | 5208 | ±5% | 5MΩ   | 25  | ±100ppm/°C | 5W | 5000V  |
| HVLR5208J10M0K9 | 5208 | ±5% | 10MΩ  | 25  | ±100ppm/°C | 5W | 7071V  |
| HVLR5208J20M0K9 | 5208 | ±5% | 20MΩ  | 25  | ±100ppm/°C | 5W | 10000V |
| HVLR5208J30M0K9 | 5208 | ±5% | 30MΩ  | 25  | ±100ppm/°C | 5W | 12247V |
| HVLR5208J50M0K9 | 5208 | ±5% | 50MΩ  | 25  | ±100ppm/°C | 5W | 15000V |
| HVLR5208J100MK9 | 5208 | ±5% | 100MΩ | 25  | ±100ppm/°C | 5W | 15000V |
| HVLR5208J200MK9 | 5208 | ±5% | 200MΩ | 25  | ±100ppm/°C | 5W | 15000V |
| HVLR5208J300MK9 | 5208 | ±5% | 300MΩ | 25  | ±100ppm/°C | 5W | 15000V |
| HVLR5208J500MK9 | 5208 | ±5% | 500MΩ | 25  | ±100ppm/°C | 5W | 15000V |
| HVLR5208J1G00K9 | 5208 | ±5% | 1GΩ   | 25  | ±100ppm/°C | 5W | 15000V |
| HVLR5208F1K00K9 | 5208 | ±1% | 1KΩ   | 25  | ±100ppm/°C | 5W | 71V    |
| HVLR5208F2K00K9 | 5208 | ±1% | 2KΩ   | 25  | ±100ppm/°C | 5W | 100V   |
| HVLR5208F5K00K9 | 5208 | ±1% | 5KΩ   | 25  | ±100ppm/°C | 5W | 158V   |
| HVLR5208F10K0K9 | 5208 | ±1% | 10KΩ  | 25  | ±100ppm/°C | 5W | 224V   |
| HVLR5208F20K0K9 | 5208 | ±1% | 20KΩ  | 25  | ±100ppm/°C | 5W | 316V   |
| HVLR5208F50K0K9 | 5208 | ±1% | 50KΩ  | 25  | ±100ppm/°C | 5W | 500V   |
| HVLR5208F100KK9 | 5208 | ±1% | 100KΩ | 25  | ±100ppm/°C | 5W | 707V   |
| HVLR5208F200KK9 | 5208 | ±1% | 200KΩ | 25  | ±100ppm/°C | 5W | 1000V  |
| HVLR5208F500KK9 | 5208 | ±1% | 500KΩ | 25  | ±100ppm/°C | 5W | 1581V  |
| HVLR5208F1M00K9 | 5208 | ±1% | 1MΩ   | 25  | ±100ppm/°C | 5W | 2236V  |
| HVLR5208F2M00K9 | 5208 | ±1% | 2MΩ   | 25  | ±100ppm/°C | 5W | 3162V  |

### 常备型号

| 型号              | 尺寸   | 精度  | 阻值    | SPQ | 温度系数       | 功率   | 最大工作电压 |
|-----------------|------|-----|-------|-----|------------|------|--------|
| HVLR5208F2M50K9 | 5208 | ±1% | 2.5MΩ | 25  | ±100ppm/°C | 5W   | 3536V  |
| HVLR5208F3M00K9 | 5208 | ±1% | 3MΩ   | 25  | ±100ppm/°C | 5W   | 3873V  |
| HVLR5208F4M00K9 | 5208 | ±1% | 4MΩ   | 25  | ±100ppm/°C | 5W   | 4472V  |
| HVLR5208F5M00K9 | 5208 | ±1% | 5MΩ   | 25  | ±100ppm/°C | 5W   | 5000V  |
| HVLR5208F10M0K9 | 5208 | ±1% | 10MΩ  | 25  | ±100ppm/°C | 5W   | 7071V  |
| HVLR5208F20M0K9 | 5208 | ±1% | 20MΩ  | 25  | ±100ppm/°C | 5W   | 10000V |
| HVLR5208F30M0K9 | 5208 | ±1% | 30MΩ  | 25  | ±100ppm/°C | 5W   | 12247V |
| HVLR5208F50M0K9 | 5208 | ±1% | 50MΩ  | 25  | ±100ppm/°C | 5W   | 15000V |
| HVLR5208F100MK9 | 5208 | ±1% | 100MΩ | 25  | ±100ppm/°C | 5W   | 15000V |
| HVLR5208F200MK9 | 5208 | ±1% | 200MΩ | 25  | ±100ppm/°C | 5W   | 15000V |
| HVLR5208F300MK9 | 5208 | ±1% | 300MΩ | 25  | ±100ppm/°C | 5W   | 15000V |
| HVLR5208F500MK9 | 5208 | ±1% | 500MΩ | 25  | ±100ppm/°C | 5W   | 15000V |
| HVLR5208F1G00K9 | 5208 | ±1% | 1GΩ   | 25  | ±100ppm/°C | 5W   | 15000V |
| HVLR7609J1K00K9 | 7609 | ±5% | 1KΩ   | 20  | ±100ppm/°C | 7.5W | 87V    |
| HVLR7609J2K00K9 | 7609 | ±5% | 2KΩ   | 20  | ±100ppm/°C | 7.5W | 122V   |
| HVLR7609J5K00K9 | 7609 | ±5% | 5KΩ   | 20  | ±100ppm/°C | 7.5W | 194V   |
| HVLR7609J10K0K9 | 7609 | ±5% | 10KΩ  | 20  | ±100ppm/°C | 7.5W | 274V   |
| HVLR7609J20K0K9 | 7609 | ±5% | 20KΩ  | 20  | ±100ppm/°C | 7.5W | 387V   |
| HVLR7609J50K0K9 | 7609 | ±5% | 50KΩ  | 20  | ±100ppm/°C | 7.5W | 612V   |
| HVLR7609J100K9  | 7609 | ±5% | 100KΩ | 20  | ±100ppm/°C | 7.5W | 866V   |
| HVLR7609J200K9  | 7609 | ±5% | 200KΩ | 20  | ±100ppm/°C | 7.5W | 1225V  |
| HVLR7609J500K9  | 7609 | ±5% | 500KΩ | 20  | ±100ppm/°C | 7.5W | 1936V  |
| HVLR7609J1M00K9 | 7609 | ±5% | 1MΩ   | 20  | ±100ppm/°C | 7.5W | 2739V  |
| HVLR7609J2M00K9 | 7609 | ±5% | 2MΩ   | 20  | ±100ppm/°C | 7.5W | 3873V  |
| HVLR7609J2M50K9 | 7609 | ±5% | 2.5MΩ | 20  | ±100ppm/°C | 7.5W | 4330V  |
| HVLR7609J3M00K9 | 7609 | ±5% | 3MΩ   | 20  | ±100ppm/°C | 7.5W | 4743V  |
| HVLR7609J4M00K9 | 7609 | ±5% | 4MΩ   | 20  | ±100ppm/°C | 7.5W | 5477V  |
| HVLR7609J5M00K9 | 7609 | ±5% | 5MΩ   | 20  | ±100ppm/°C | 7.5W | 6124V  |
| HVLR7609J10M0K9 | 7609 | ±5% | 10MΩ  | 20  | ±100ppm/°C | 7.5W | 8660V  |
| HVLR7609J20M0K9 | 7609 | ±5% | 20MΩ  | 20  | ±100ppm/°C | 7.5W | 12247V |
| HVLR7609J30M0K9 | 7609 | ±5% | 30MΩ  | 20  | ±100ppm/°C | 7.5W | 15000V |
| HVLR7609J50M0K9 | 7609 | ±5% | 50MΩ  | 20  | ±100ppm/°C | 7.5W | 19365V |
| HVLR7609J100MK9 | 7609 | ±5% | 100MΩ | 20  | ±100ppm/°C | 7.5W | 22500V |
| HVLR7609J200MK9 | 7609 | ±5% | 200MΩ | 20  | ±100ppm/°C | 7.5W | 22500V |
| HVLR7609J300MK9 | 7609 | ±5% | 300MΩ | 20  | ±100ppm/°C | 7.5W | 22500V |
| HVLR7609J500MK9 | 7609 | ±5% | 500MΩ | 20  | ±100ppm/°C | 7.5W | 22500V |
| HVLR7609J1G00K9 | 7609 | ±5% | 1GΩ   | 20  | ±100ppm/°C | 7.5W | 22500V |
| HVLR7609F1K00K9 | 7609 | ±1% | 1KΩ   | 20  | ±100ppm/°C | 7.5W | 87V    |
| HVLR7609F2K00K9 | 7609 | ±1% | 2KΩ   | 20  | ±100ppm/°C | 7.5W | 122V   |
| HVLR7609F5K00K9 | 7609 | ±1% | 5KΩ   | 20  | ±100ppm/°C | 7.5W | 194V   |
| HVLR7609F10K0K9 | 7609 | ±1% | 10KΩ  | 20  | ±100ppm/°C | 7.5W | 274V   |
| HVLR7609F20K0K9 | 7609 | ±1% | 20KΩ  | 20  | ±100ppm/°C | 7.5W | 387V   |
| HVLR7609F50K0K9 | 7609 | ±1% | 50KΩ  | 20  | ±100ppm/°C | 7.5W | 612V   |
| HVLR7609F100K9  | 7609 | ±1% | 100KΩ | 20  | ±100ppm/°C | 7.5W | 866V   |
| HVLR7609F200K9  | 7609 | ±1% | 200KΩ | 20  | ±100ppm/°C | 7.5W | 1225V  |
| HVLR7609F500K9  | 7609 | ±1% | 500KΩ | 20  | ±100ppm/°C | 7.5W | 1936V  |
| HVLR7609F1M00K9 | 7609 | ±1% | 1MΩ   | 20  | ±100ppm/°C | 7.5W | 2739V  |
| HVLR7609F2M00K9 | 7609 | ±1% | 2MΩ   | 20  | ±100ppm/°C | 7.5W | 3873V  |
| HVLR7609F2M50K9 | 7609 | ±1% | 2.5MΩ | 20  | ±100ppm/°C | 7.5W | 4330V  |
| HVLR7609F3M00K9 | 7609 | ±1% | 3MΩ   | 20  | ±100ppm/°C | 7.5W | 4743V  |
| HVLR7609F4M00K9 | 7609 | ±1% | 4MΩ   | 20  | ±100ppm/°C | 7.5W | 5477V  |
| HVLR7609F5M00K9 | 7609 | ±1% | 5MΩ   | 20  | ±100ppm/°C | 7.5W | 6124V  |
| HVLR7609F10M0K9 | 7609 | ±1% | 10MΩ  | 20  | ±100ppm/°C | 7.5W | 8660V  |
| HVLR7609F20M0K9 | 7609 | ±1% | 20MΩ  | 20  | ±100ppm/°C | 7.5W | 12247V |
| HVLR7609F30M0K9 | 7609 | ±1% | 30MΩ  | 20  | ±100ppm/°C | 7.5W | 15000V |

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| 型号              | 尺寸   | 精度  | 阻值    | SPQ | 温度系数       | 功率   | 最大工作电压 |
|-----------------|------|-----|-------|-----|------------|------|--------|
| HVLR7609F50M0K9 | 7609 | ±1% | 50MΩ  | 20  | ±100ppm/°C | 7.5W | 19365V |
| HVLR7609F100MK9 | 7609 | ±1% | 100MΩ | 20  | ±100ppm/°C | 7.5W | 22500V |
| HVLR7609F200MK9 | 7609 | ±1% | 200MΩ | 20  | ±100ppm/°C | 7.5W | 22500V |
| HVLR7609F300MK9 | 7609 | ±1% | 300MΩ | 20  | ±100ppm/°C | 7.5W | 22500V |
| HVLR7609F500MK9 | 7609 | ±1% | 500MΩ | 20  | ±100ppm/°C | 7.5W | 22500V |
| HVLR7609F1G00K9 | 7609 | ±1% | 1GΩ   | 20  | ±100ppm/°C | 7.5W | 22500V |
| HVLR1029J1K00K9 | 1029 | ±5% | 1KΩ   | 10  | ±100ppm/°C | 10W  | 100V   |
| HVLR1029J2K00K9 | 1029 | ±5% | 2KΩ   | 10  | ±100ppm/°C | 10W  | 141V   |
| HVLR1029J5K00K9 | 1029 | ±5% | 5KΩ   | 10  | ±100ppm/°C | 10W  | 224V   |
| HVLR1029J10K0K9 | 1029 | ±5% | 10KΩ  | 10  | ±100ppm/°C | 10W  | 316V   |
| HVLR1029J20K0K9 | 1029 | ±5% | 20KΩ  | 10  | ±100ppm/°C | 10W  | 447V   |
| HVLR1029J50K0K9 | 1029 | ±5% | 50KΩ  | 10  | ±100ppm/°C | 10W  | 707V   |
| HVLR1029J100K9  | 1029 | ±5% | 100KΩ | 10  | ±100ppm/°C | 10W  | 1000V  |
| HVLR1029J200K9  | 1029 | ±5% | 200KΩ | 10  | ±100ppm/°C | 10W  | 1414V  |
| HVLR1029J500K9  | 1029 | ±5% | 500KΩ | 10  | ±100ppm/°C | 10W  | 2236V  |
| HVLR1029J1M00K9 | 1029 | ±5% | 1MΩ   | 10  | ±100ppm/°C | 10W  | 3162V  |
| HVLR1029J2M00K9 | 1029 | ±5% | 2MΩ   | 10  | ±100ppm/°C | 10W  | 4472V  |
| HVLR1029J2M50K9 | 1029 | ±5% | 2.5MΩ | 10  | ±100ppm/°C | 10W  | 5000V  |
| HVLR1029J3M00K9 | 1029 | ±5% | 3MΩ   | 10  | ±100ppm/°C | 10W  | 5477V  |
| HVLR1029J4M00K9 | 1029 | ±5% | 4MΩ   | 10  | ±100ppm/°C | 10W  | 6325V  |
| HVLR1029J5M00K9 | 1029 | ±5% | 5MΩ   | 10  | ±100ppm/°C | 10W  | 7071V  |
| HVLR1029J10M0K9 | 1029 | ±5% | 10MΩ  | 10  | ±100ppm/°C | 10W  | 10000V |
| HVLR1029J20M0K9 | 1029 | ±5% | 20MΩ  | 10  | ±100ppm/°C | 10W  | 14142V |
| HVLR1029J30M0K9 | 1029 | ±5% | 30MΩ  | 10  | ±100ppm/°C | 10W  | 17321V |
| HVLR1029J50M0K9 | 1029 | ±5% | 50MΩ  | 10  | ±100ppm/°C | 10W  | 22361V |
| HVLR1029J100MK9 | 1029 | ±5% | 100MΩ | 10  | ±100ppm/°C | 10W  | 31623V |
| HVLR1029J200MK9 | 1029 | ±5% | 200MΩ | 10  | ±100ppm/°C | 10W  | 32000V |
| HVLR1029J300MK9 | 1029 | ±5% | 300MΩ | 10  | ±100ppm/°C | 10W  | 32000V |
| HVLR1029J500MK9 | 1029 | ±5% | 500MΩ | 10  | ±100ppm/°C | 10W  | 32000V |
| HVLR1029J1G00K9 | 1029 | ±5% | 1GΩ   | 10  | ±100ppm/°C | 10W  | 32000V |
| HVLR1029F1K00K9 | 1029 | ±1% | 1KΩ   | 10  | ±100ppm/°C | 10W  | 100V   |
| HVLR1029F2K00K9 | 1029 | ±1% | 2KΩ   | 10  | ±100ppm/°C | 10W  | 141V   |
| HVLR1029F5K00K9 | 1029 | ±1% | 5KΩ   | 10  | ±100ppm/°C | 10W  | 224V   |
| HVLR1029F10K0K9 | 1029 | ±1% | 10KΩ  | 10  | ±100ppm/°C | 10W  | 316V   |
| HVLR1029F20K0K9 | 1029 | ±1% | 20KΩ  | 10  | ±100ppm/°C | 10W  | 447V   |
| HVLR1029F50K0K9 | 1029 | ±1% | 50KΩ  | 10  | ±100ppm/°C | 10W  | 707V   |
| HVLR1029F100K9  | 1029 | ±1% | 100KΩ | 10  | ±100ppm/°C | 10W  | 1000V  |
| HVLR1029F200K9  | 1029 | ±1% | 200KΩ | 10  | ±100ppm/°C | 10W  | 1414V  |
| HVLR1029F500K9  | 1029 | ±1% | 500KΩ | 10  | ±100ppm/°C | 10W  | 2236V  |
| HVLR1029F1M00K9 | 1029 | ±1% | 1MΩ   | 10  | ±100ppm/°C | 10W  | 3162V  |
| HVLR1029F2M00K9 | 1029 | ±1% | 2MΩ   | 10  | ±100ppm/°C | 10W  | 4472V  |
| HVLR1029F2M50K9 | 1029 | ±1% | 2.5MΩ | 10  | ±100ppm/°C | 10W  | 5000V  |
| HVLR1029F3M00K9 | 1029 | ±1% | 3MΩ   | 10  | ±100ppm/°C | 10W  | 5477V  |
| HVLR1029F4M00K9 | 1029 | ±1% | 4MΩ   | 10  | ±100ppm/°C | 10W  | 6325V  |
| HVLR1029F5M00K9 | 1029 | ±1% | 5MΩ   | 10  | ±100ppm/°C | 10W  | 7071V  |
| HVLR1029F10M0K9 | 1029 | ±1% | 10MΩ  | 10  | ±100ppm/°C | 10W  | 10000V |
| HVLR1029F20M0K9 | 1029 | ±1% | 20MΩ  | 10  | ±100ppm/°C | 10W  | 14142V |
| HVLR1029F30M0K9 | 1029 | ±1% | 30MΩ  | 10  | ±100ppm/°C | 10W  | 17321V |
| HVLR1029F50M0K9 | 1029 | ±1% | 50MΩ  | 10  | ±100ppm/°C | 10W  | 22361V |
| HVLR1029F100MK9 | 1029 | ±1% | 100MΩ | 10  | ±100ppm/°C | 10W  | 31623V |
| HVLR1029F200MK9 | 1029 | ±1% | 200MΩ | 10  | ±100ppm/°C | 10W  | 32000V |
| HVLR1029F300MK9 | 1029 | ±1% | 300MΩ | 10  | ±100ppm/°C | 10W  | 32000V |
| HVLR1029F500MK9 | 1029 | ±1% | 500MΩ | 10  | ±100ppm/°C | 10W  | 32000V |
| HVLR1029F1G00K9 | 1029 | ±1% | 1GΩ   | 10  | ±100ppm/°C | 10W  | 32000V |
| HVLR1179J1K00K9 | 1179 | ±5% | 1KΩ   | 5   | ±100ppm/°C | 11W  | 105V   |

### 常备型号

| 型号               | 尺寸   | 精度  | 阻值    | SPQ | 温度系数       | 功率  | 最大工作电压 |
|------------------|------|-----|-------|-----|------------|-----|--------|
| HVLR1179J2K00K9  | 1179 | ±5% | 2KΩ   | 5   | ±100ppm/°C | 11W | 148V   |
| HVLR1179J5K00K9  | 1179 | ±5% | 5KΩ   | 5   | ±100ppm/°C | 11W | 235V   |
| HVLR1179J10K0K9  | 1179 | ±5% | 10KΩ  | 5   | ±100ppm/°C | 11W | 332V   |
| HVLR1179J20K0K9  | 1179 | ±5% | 20KΩ  | 5   | ±100ppm/°C | 11W | 469V   |
| HVLR1179J50K0K9  | 1179 | ±5% | 50KΩ  | 5   | ±100ppm/°C | 11W | 742V   |
| HVLR1179J100K0K9 | 1179 | ±5% | 100KΩ | 5   | ±100ppm/°C | 11W | 1049V  |
| HVLR1179J200K0K9 | 1179 | ±5% | 200KΩ | 5   | ±100ppm/°C | 11W | 1483V  |
| HVLR1179J500K0K9 | 1179 | ±5% | 500KΩ | 5   | ±100ppm/°C | 11W | 2345V  |
| HVLR1179J1M00K9  | 1179 | ±5% | 1MΩ   | 5   | ±100ppm/°C | 11W | 3317V  |
| HVLR1179J2M00K9  | 1179 | ±5% | 2MΩ   | 5   | ±100ppm/°C | 11W | 4690V  |
| HVLR1179J2M50K9  | 1179 | ±5% | 2.5MΩ | 5   | ±100ppm/°C | 11W | 5244V  |
| HVLR1179J3M00K9  | 1179 | ±5% | 3MΩ   | 5   | ±100ppm/°C | 11W | 5745V  |
| HVLR1179J4M00K9  | 1179 | ±5% | 4MΩ   | 5   | ±100ppm/°C | 11W | 6633V  |
| HVLR1179J5M00K9  | 1179 | ±5% | 5MΩ   | 5   | ±100ppm/°C | 11W | 7416V  |
| HVLR1179J10M0K9  | 1179 | ±5% | 10MΩ  | 5   | ±100ppm/°C | 11W | 10488V |
| HVLR1179J20M0K9  | 1179 | ±5% | 20MΩ  | 5   | ±100ppm/°C | 11W | 14832V |
| HVLR1179J30M0K9  | 1179 | ±5% | 30MΩ  | 5   | ±100ppm/°C | 11W | 18166V |
| HVLR1179J50M0K9  | 1179 | ±5% | 50MΩ  | 5   | ±100ppm/°C | 11W | 23452V |
| HVLR1179J100M0K9 | 1179 | ±5% | 100MΩ | 5   | ±100ppm/°C | 11W | 33166V |
| HVLR1179J200M0K9 | 1179 | ±5% | 200MΩ | 5   | ±100ppm/°C | 11W | 35000V |
| HVLR1179J300M0K9 | 1179 | ±5% | 300MΩ | 5   | ±100ppm/°C | 11W | 35000V |
| HVLR1179J500M0K9 | 1179 | ±5% | 500MΩ | 5   | ±100ppm/°C | 11W | 35000V |
| HVLR1179J1G00K9  | 1179 | ±5% | 1GΩ   | 5   | ±100ppm/°C | 11W | 35000V |
| HVLR1179F1K00K9  | 1179 | ±1% | 1KΩ   | 5   | ±100ppm/°C | 11W | 105V   |
| HVLR1179F2K00K9  | 1179 | ±1% | 2KΩ   | 5   | ±100ppm/°C | 11W | 148V   |
| HVLR1179F5K00K9  | 1179 | ±1% | 5KΩ   | 5   | ±100ppm/°C | 11W | 235V   |
| HVLR1179F10K0K9  | 1179 | ±1% | 10KΩ  | 5   | ±100ppm/°C | 11W | 332V   |
| HVLR1179F20K0K9  | 1179 | ±1% | 20KΩ  | 5   | ±100ppm/°C | 11W | 469V   |
| HVLR1179F50K0K9  | 1179 | ±1% | 50KΩ  | 5   | ±100ppm/°C | 11W | 742V   |
| HVLR1179F100K0K9 | 1179 | ±1% | 100KΩ | 5   | ±100ppm/°C | 11W | 1049V  |
| HVLR1179F200K0K9 | 1179 | ±1% | 200KΩ | 5   | ±100ppm/°C | 11W | 1483V  |
| HVLR1179F500K0K9 | 1179 | ±1% | 500KΩ | 5   | ±100ppm/°C | 11W | 2345V  |
| HVLR1179F1M00K9  | 1179 | ±1% | 1MΩ   | 5   | ±100ppm/°C | 11W | 3317V  |
| HVLR1179F2M00K9  | 1179 | ±1% | 2MΩ   | 5   | ±100ppm/°C | 11W | 4690V  |
| HVLR1179F2M50K9  | 1179 | ±1% | 2.5MΩ | 5   | ±100ppm/°C | 11W | 5244V  |
| HVLR1179F3M00K9  | 1179 | ±1% | 3MΩ   | 5   | ±100ppm/°C | 11W | 5745V  |
| HVLR1179F4M00K9  | 1179 | ±1% | 4MΩ   | 5   | ±100ppm/°C | 11W | 6633V  |
| HVLR1179F5M00K9  | 1179 | ±1% | 5MΩ   | 5   | ±100ppm/°C | 11W | 7416V  |
| HVLR1179F10M0K9  | 1179 | ±1% | 10MΩ  | 5   | ±100ppm/°C | 11W | 10488V |
| HVLR1179F20M0K9  | 1179 | ±1% | 20MΩ  | 5   | ±100ppm/°C | 11W | 14832V |
| HVLR1179F30M0K9  | 1179 | ±1% | 30MΩ  | 5   | ±100ppm/°C | 11W | 18166V |
| HVLR1179F50M0K9  | 1179 | ±1% | 50MΩ  | 5   | ±100ppm/°C | 11W | 23452V |
| HVLR1179F100M0K9 | 1179 | ±1% | 100MΩ | 5   | ±100ppm/°C | 11W | 33166V |
| HVLR1179F200M0K9 | 1179 | ±1% | 200MΩ | 5   | ±100ppm/°C | 11W | 35000V |
| HVLR1179F300M0K9 | 1179 | ±1% | 300MΩ | 5   | ±100ppm/°C | 11W | 35000V |
| HVLR1179F500M0K9 | 1179 | ±1% | 500MΩ | 5   | ±100ppm/°C | 11W | 35000V |
| HVLR1179F1G00K9  | 1179 | ±1% | 1GΩ   | 5   | ±100ppm/°C | 11W | 35000V |
| HVLR1279J1K00K9  | 1279 | ±5% | 1KΩ   | 5   | ±100ppm/°C | 12W | 110V   |
| HVLR1279J2K00K9  | 1279 | ±5% | 2KΩ   | 5   | ±100ppm/°C | 12W | 155V   |
| HVLR1279J5K00K9  | 1279 | ±5% | 5KΩ   | 5   | ±100ppm/°C | 12W | 245V   |
| HVLR1279J10K0K9  | 1279 | ±5% | 10KΩ  | 5   | ±100ppm/°C | 12W | 346V   |
| HVLR1279J20K0K9  | 1279 | ±5% | 20KΩ  | 5   | ±100ppm/°C | 12W | 490V   |
| HVLR1279J50K0K9  | 1279 | ±5% | 50KΩ  | 5   | ±100ppm/°C | 12W | 775V   |
| HVLR1279J100K0K9 | 1279 | ±5% | 100KΩ | 5   | ±100ppm/°C | 12W | 1095V  |
| HVLR1279J200K0K9 | 1279 | ±5% | 200KΩ | 5   | ±100ppm/°C | 12W | 1549V  |

### 常备型号

| 型号              | 尺寸   | 精度  | 阻值    | SPQ | 温度系数       | 功率  | 最大工作电压 |
|-----------------|------|-----|-------|-----|------------|-----|--------|
| HVLR1279J500KK9 | 1279 | ±5% | 500KΩ | 5   | ±100ppm/°C | 12W | 2449V  |
| HVLR1279J1M00K9 | 1279 | ±5% | 1MΩ   | 5   | ±100ppm/°C | 12W | 3464V  |
| HVLR1279J2M00K9 | 1279 | ±5% | 2MΩ   | 5   | ±100ppm/°C | 12W | 4899V  |
| HVLR1279J2M50K9 | 1279 | ±5% | 2.5MΩ | 5   | ±100ppm/°C | 12W | 5477V  |
| HVLR1279J3M00K9 | 1279 | ±5% | 3MΩ   | 5   | ±100ppm/°C | 12W | 6000V  |
| HVLR1279J4M00K9 | 1279 | ±5% | 4MΩ   | 5   | ±100ppm/°C | 12W | 6928V  |
| HVLR1279J5M00K9 | 1279 | ±5% | 5MΩ   | 5   | ±100ppm/°C | 12W | 7746V  |
| HVLR1279J10M0K9 | 1279 | ±5% | 10MΩ  | 5   | ±100ppm/°C | 12W | 10954V |
| HVLR1279J20M0K9 | 1279 | ±5% | 20MΩ  | 5   | ±100ppm/°C | 12W | 15492V |
| HVLR1279J30M0K9 | 1279 | ±5% | 30MΩ  | 5   | ±100ppm/°C | 12W | 18974V |
| HVLR1279J50M0K9 | 1279 | ±5% | 50MΩ  | 5   | ±100ppm/°C | 12W | 24495V |
| HVLR1279J100MK9 | 1279 | ±5% | 100MΩ | 5   | ±100ppm/°C | 12W | 34641V |
| HVLR1279J200MK9 | 1279 | ±5% | 200MΩ | 5   | ±100ppm/°C | 12W | 40000V |
| HVLR1279J300MK9 | 1279 | ±5% | 300MΩ | 5   | ±100ppm/°C | 12W | 40000V |
| HVLR1279J500MK9 | 1279 | ±5% | 500MΩ | 5   | ±100ppm/°C | 12W | 40000V |
| HVLR1279J1G00K9 | 1279 | ±5% | 1GΩ   | 5   | ±100ppm/°C | 12W | 40000V |
| HVLR1279F1K00K9 | 1279 | ±1% | 1KΩ   | 5   | ±100ppm/°C | 12W | 110V   |
| HVLR1279F2K00K9 | 1279 | ±1% | 2KΩ   | 5   | ±100ppm/°C | 12W | 155V   |
| HVLR1279F5K00K9 | 1279 | ±1% | 5KΩ   | 5   | ±100ppm/°C | 12W | 245V   |
| HVLR1279F10K0K9 | 1279 | ±1% | 10KΩ  | 5   | ±100ppm/°C | 12W | 346V   |
| HVLR1279F20K0K9 | 1279 | ±1% | 20KΩ  | 5   | ±100ppm/°C | 12W | 490V   |
| HVLR1279F50K0K9 | 1279 | ±1% | 50KΩ  | 5   | ±100ppm/°C | 12W | 775V   |
| HVLR1279F100KK9 | 1279 | ±1% | 100KΩ | 5   | ±100ppm/°C | 12W | 1095V  |
| HVLR1279F200KK9 | 1279 | ±1% | 200KΩ | 5   | ±100ppm/°C | 12W | 1549V  |
| HVLR1279F500KK9 | 1279 | ±1% | 500KΩ | 5   | ±100ppm/°C | 12W | 2449V  |
| HVLR1279F1M00K9 | 1279 | ±1% | 1MΩ   | 5   | ±100ppm/°C | 12W | 3464V  |
| HVLR1279F2M00K9 | 1279 | ±1% | 2MΩ   | 5   | ±100ppm/°C | 12W | 4899V  |
| HVLR1279F2M50K9 | 1279 | ±1% | 2.5MΩ | 5   | ±100ppm/°C | 12W | 5477V  |
| HVLR1279F3M00K9 | 1279 | ±1% | 3MΩ   | 5   | ±100ppm/°C | 12W | 6000V  |
| HVLR1279F4M00K9 | 1279 | ±1% | 4MΩ   | 5   | ±100ppm/°C | 12W | 6928V  |
| HVLR1279F5M00K9 | 1279 | ±1% | 5MΩ   | 5   | ±100ppm/°C | 12W | 7746V  |
| HVLR1279F10M0K9 | 1279 | ±1% | 10MΩ  | 5   | ±100ppm/°C | 12W | 10954V |
| HVLR1279F20M0K9 | 1279 | ±1% | 20MΩ  | 5   | ±100ppm/°C | 12W | 15492V |
| HVLR1279F30M0K9 | 1279 | ±1% | 30MΩ  | 5   | ±100ppm/°C | 12W | 18974V |
| HVLR1279F50M0K9 | 1279 | ±1% | 50MΩ  | 5   | ±100ppm/°C | 12W | 24495V |
| HVLR1279F100MK9 | 1279 | ±1% | 100MΩ | 5   | ±100ppm/°C | 12W | 34641V |
| HVLR1279F200MK9 | 1279 | ±1% | 200MΩ | 5   | ±100ppm/°C | 12W | 40000V |
| HVLR1279F300MK9 | 1279 | ±1% | 300MΩ | 5   | ±100ppm/°C | 12W | 40000V |
| HVLR1279F500MK9 | 1279 | ±1% | 500MΩ | 5   | ±100ppm/°C | 12W | 40000V |
| HVLR1279F1G00K9 | 1279 | ±1% | 1GΩ   | 5   | ±100ppm/°C | 12W | 40000V |
| HVLR1379J1K00K9 | 1379 | ±5% | 1KΩ   | 5   | ±100ppm/°C | 13W | 114V   |
| HVLR1379J2K00K9 | 1379 | ±5% | 2KΩ   | 5   | ±100ppm/°C | 13W | 161V   |
| HVLR1379J5K00K9 | 1379 | ±5% | 5KΩ   | 5   | ±100ppm/°C | 13W | 255V   |
| HVLR1379J10K0K9 | 1379 | ±5% | 10KΩ  | 5   | ±100ppm/°C | 13W | 361V   |
| HVLR1379J20K0K9 | 1379 | ±5% | 20KΩ  | 5   | ±100ppm/°C | 13W | 510V   |
| HVLR1379J50K0K9 | 1379 | ±5% | 50KΩ  | 5   | ±100ppm/°C | 13W | 806V   |
| HVLR1379J100KK9 | 1379 | ±5% | 100KΩ | 5   | ±100ppm/°C | 13W | 1140V  |
| HVLR1379J200KK9 | 1379 | ±5% | 200KΩ | 5   | ±100ppm/°C | 13W | 1612V  |
| HVLR1379J500KK9 | 1379 | ±5% | 500KΩ | 5   | ±100ppm/°C | 13W | 2550V  |
| HVLR1379J1M00K9 | 1379 | ±5% | 1MΩ   | 5   | ±100ppm/°C | 13W | 3606V  |
| HVLR1379J2M00K9 | 1379 | ±5% | 2MΩ   | 5   | ±100ppm/°C | 13W | 5099V  |
| HVLR1379J2M50K9 | 1379 | ±5% | 2.5MΩ | 5   | ±100ppm/°C | 13W | 5701V  |
| HVLR1379J3M00K9 | 1379 | ±5% | 3MΩ   | 5   | ±100ppm/°C | 13W | 6245V  |
| HVLR1379J4M00K9 | 1379 | ±5% | 4MΩ   | 5   | ±100ppm/°C | 13W | 7211V  |
| HVLR1379J5M00K9 | 1379 | ±5% | 5MΩ   | 5   | ±100ppm/°C | 13W | 8062V  |

### 常备型号

| 型号               | 尺寸   | 精度  | 阻值    | SPQ | 温度系数       | 功率  | 最大工作电压 |
|------------------|------|-----|-------|-----|------------|-----|--------|
| HVLR1379J10M0K9  | 1379 | ±5% | 10MΩ  | 5   | ±100ppm/°C | 13W | 11402V |
| HVLR1379J20M0K9  | 1379 | ±5% | 20MΩ  | 5   | ±100ppm/°C | 13W | 16125V |
| HVLR1379J30M0K9  | 1379 | ±5% | 30MΩ  | 5   | ±100ppm/°C | 13W | 19748V |
| HVLR1379J50M0K9  | 1379 | ±5% | 50MΩ  | 5   | ±100ppm/°C | 13W | 25495V |
| HVLR1379J100M0K9 | 1379 | ±5% | 100MΩ | 5   | ±100ppm/°C | 13W | 36056V |
| HVLR1379J200M0K9 | 1379 | ±5% | 200MΩ | 5   | ±100ppm/°C | 13W | 45000V |
| HVLR1379J300M0K9 | 1379 | ±5% | 300MΩ | 5   | ±100ppm/°C | 13W | 45000V |
| HVLR1379J500M0K9 | 1379 | ±5% | 500MΩ | 5   | ±100ppm/°C | 13W | 45000V |
| HVLR1379J1G00K9  | 1379 | ±5% | 1GΩ   | 5   | ±100ppm/°C | 13W | 45000V |
| HVLR1379F1K00K9  | 1379 | ±1% | 1KΩ   | 5   | ±100ppm/°C | 13W | 114V   |
| HVLR1379F2K00K9  | 1379 | ±1% | 2KΩ   | 5   | ±100ppm/°C | 13W | 161V   |
| HVLR1379F5K00K9  | 1379 | ±1% | 5KΩ   | 5   | ±100ppm/°C | 13W | 255V   |
| HVLR1379F10K0K9  | 1379 | ±1% | 10KΩ  | 5   | ±100ppm/°C | 13W | 361V   |
| HVLR1379F20K0K9  | 1379 | ±1% | 20KΩ  | 5   | ±100ppm/°C | 13W | 510V   |
| HVLR1379F50K0K9  | 1379 | ±1% | 50KΩ  | 5   | ±100ppm/°C | 13W | 806V   |
| HVLR1379F100K0K9 | 1379 | ±1% | 100KΩ | 5   | ±100ppm/°C | 13W | 1140V  |
| HVLR1379F200K0K9 | 1379 | ±1% | 200KΩ | 5   | ±100ppm/°C | 13W | 1612V  |
| HVLR1379F500K0K9 | 1379 | ±1% | 500KΩ | 5   | ±100ppm/°C | 13W | 2550V  |
| HVLR1379F1M00K9  | 1379 | ±1% | 1MΩ   | 5   | ±100ppm/°C | 13W | 3606V  |
| HVLR1379F2M00K9  | 1379 | ±1% | 2MΩ   | 5   | ±100ppm/°C | 13W | 5099V  |
| HVLR1379F2M50K9  | 1379 | ±1% | 2.5MΩ | 5   | ±100ppm/°C | 13W | 5701V  |
| HVLR1379F3M00K9  | 1379 | ±1% | 3MΩ   | 5   | ±100ppm/°C | 13W | 6245V  |
| HVLR1379F4M00K9  | 1379 | ±1% | 4MΩ   | 5   | ±100ppm/°C | 13W | 7211V  |
| HVLR1379F5M00K9  | 1379 | ±1% | 5MΩ   | 5   | ±100ppm/°C | 13W | 8062V  |
| HVLR1379F10M0K9  | 1379 | ±1% | 10MΩ  | 5   | ±100ppm/°C | 13W | 11402V |
| HVLR1379F20M0K9  | 1379 | ±1% | 20MΩ  | 5   | ±100ppm/°C | 13W | 16125V |
| HVLR1379F30M0K9  | 1379 | ±1% | 30MΩ  | 5   | ±100ppm/°C | 13W | 19748V |
| HVLR1379F50M0K9  | 1379 | ±1% | 50MΩ  | 5   | ±100ppm/°C | 13W | 25495V |
| HVLR1379F100M0K9 | 1379 | ±1% | 100MΩ | 5   | ±100ppm/°C | 13W | 36056V |
| HVLR1379F200M0K9 | 1379 | ±1% | 200MΩ | 5   | ±100ppm/°C | 13W | 45000V |
| HVLR1379F300M0K9 | 1379 | ±1% | 300MΩ | 5   | ±100ppm/°C | 13W | 45000V |
| HVLR1379F500M0K9 | 1379 | ±1% | 500MΩ | 5   | ±100ppm/°C | 13W | 45000V |
| HVLR1379F1G00K9  | 1379 | ±1% | 1GΩ   | 5   | ±100ppm/°C | 13W | 45000V |
| HVLR1529J1K00K9  | 1529 | ±5% | 1KΩ   | 5   | ±100ppm/°C | 15W | 122V   |
| HVLR1529J2K00K9  | 1529 | ±5% | 2KΩ   | 5   | ±100ppm/°C | 15W | 173V   |
| HVLR1529J5K00K9  | 1529 | ±5% | 5KΩ   | 5   | ±100ppm/°C | 15W | 274V   |
| HVLR1529J10K0K9  | 1529 | ±5% | 10KΩ  | 5   | ±100ppm/°C | 15W | 387V   |
| HVLR1529J20K0K9  | 1529 | ±5% | 20KΩ  | 5   | ±100ppm/°C | 15W | 548V   |
| HVLR1529J50K0K9  | 1529 | ±5% | 50KΩ  | 5   | ±100ppm/°C | 15W | 866V   |
| HVLR1529J100K0K9 | 1529 | ±5% | 100KΩ | 5   | ±100ppm/°C | 15W | 1225V  |
| HVLR1529J200K0K9 | 1529 | ±5% | 200KΩ | 5   | ±100ppm/°C | 15W | 1732V  |
| HVLR1529J500K0K9 | 1529 | ±5% | 500KΩ | 5   | ±100ppm/°C | 15W | 2739V  |
| HVLR1529J1M00K9  | 1529 | ±5% | 1MΩ   | 5   | ±100ppm/°C | 15W | 3873V  |
| HVLR1529J2M00K9  | 1529 | ±5% | 2MΩ   | 5   | ±100ppm/°C | 15W | 5477V  |
| HVLR1529J2M50K9  | 1529 | ±5% | 2.5MΩ | 5   | ±100ppm/°C | 15W | 6124V  |
| HVLR1529J3M00K9  | 1529 | ±5% | 3MΩ   | 5   | ±100ppm/°C | 15W | 6708V  |
| HVLR1529J4M00K9  | 1529 | ±5% | 4MΩ   | 5   | ±100ppm/°C | 15W | 7746V  |
| HVLR1529J5M00K9  | 1529 | ±5% | 5MΩ   | 5   | ±100ppm/°C | 15W | 8660V  |
| HVLR1529J10M0K9  | 1529 | ±5% | 10MΩ  | 5   | ±100ppm/°C | 15W | 12247V |
| HVLR1529J20M0K9  | 1529 | ±5% | 20MΩ  | 5   | ±100ppm/°C | 15W | 17321V |
| HVLR1529J30M0K9  | 1529 | ±5% | 30MΩ  | 5   | ±100ppm/°C | 15W | 21213V |
| HVLR1529J50M0K9  | 1529 | ±5% | 50MΩ  | 5   | ±100ppm/°C | 15W | 27386V |
| HVLR1529J100M0K9 | 1529 | ±5% | 100MΩ | 5   | ±100ppm/°C | 15W | 38730V |
| HVLR1529J200M0K9 | 1529 | ±5% | 200MΩ | 5   | ±100ppm/°C | 15W | 48000V |
| HVLR1529J300M0K9 | 1529 | ±5% | 300MΩ | 5   | ±100ppm/°C | 15W | 48000V |



## 常备型号

| 型号              | 尺寸   | 精度  | 阻值    | SPQ | 温度系数       | 功率  | 最大工作电压 |
|-----------------|------|-----|-------|-----|------------|-----|--------|
| HVLR1529J400MK9 | 1529 | ±5% | 400MΩ | 5   | ±100ppm/°C | 15W | 48000V |
| HVLR1529J500MK9 | 1529 | ±5% | 500MΩ | 5   | ±100ppm/°C | 15W | 48000V |
| HVLR1529J1G00K9 | 1529 | ±5% | 1GΩ   | 5   | ±100ppm/°C | 15W | 48000V |
| HVLR1529F1K00K9 | 1529 | ±1% | 1KΩ   | 5   | ±100ppm/°C | 15W | 122V   |
| HVLR1529F2K00K9 | 1529 | ±1% | 2KΩ   | 5   | ±100ppm/°C | 15W | 173V   |
| HVLR1529F5K00K9 | 1529 | ±1% | 5KΩ   | 5   | ±100ppm/°C | 15W | 274V   |
| HVLR1529F10K0K9 | 1529 | ±1% | 10KΩ  | 5   | ±100ppm/°C | 15W | 387V   |
| HVLR1529F20K0K9 | 1529 | ±1% | 20KΩ  | 5   | ±100ppm/°C | 15W | 548V   |
| HVLR1529F50K0K9 | 1529 | ±1% | 50KΩ  | 5   | ±100ppm/°C | 15W | 866V   |
| HVLR1529F100KK9 | 1529 | ±1% | 100KΩ | 5   | ±100ppm/°C | 15W | 1225V  |
| HVLR1529F200KK9 | 1529 | ±1% | 200KΩ | 5   | ±100ppm/°C | 15W | 1732V  |
| HVLR1529F500KK9 | 1529 | ±1% | 500KΩ | 5   | ±100ppm/°C | 15W | 2739V  |
| HVLR1529F1M00K9 | 1529 | ±1% | 1MΩ   | 5   | ±100ppm/°C | 15W | 3873V  |
| HVLR1529F2M00K9 | 1529 | ±1% | 2MΩ   | 5   | ±100ppm/°C | 15W | 5477V  |
| HVLR1529F2M50K9 | 1529 | ±1% | 2.5MΩ | 5   | ±100ppm/°C | 15W | 6124V  |
| HVLR1529F3M00K9 | 1529 | ±1% | 3MΩ   | 5   | ±100ppm/°C | 15W | 6708V  |
| HVLR1529F4M00K9 | 1529 | ±1% | 4MΩ   | 5   | ±100ppm/°C | 15W | 7746V  |
| HVLR1529F5M00K9 | 1529 | ±1% | 5MΩ   | 5   | ±100ppm/°C | 15W | 8660V  |
| HVLR1529F10M0K9 | 1529 | ±1% | 10MΩ  | 5   | ±100ppm/°C | 15W | 12247V |
| HVLR1529F20M0K9 | 1529 | ±1% | 20MΩ  | 5   | ±100ppm/°C | 15W | 17321V |
| HVLR1529F30M0K9 | 1529 | ±1% | 30MΩ  | 5   | ±100ppm/°C | 15W | 21213V |
| HVLR1529F50M0K9 | 1529 | ±1% | 50MΩ  | 5   | ±100ppm/°C | 15W | 27386V |
| HVLR1529F100MK9 | 1529 | ±1% | 100MΩ | 5   | ±100ppm/°C | 15W | 38730V |
| HVLR1529F200MK9 | 1529 | ±1% | 200MΩ | 5   | ±100ppm/°C | 15W | 48000V |
| HVLR1529F300MK9 | 1529 | ±1% | 300MΩ | 5   | ±100ppm/°C | 15W | 48000V |
| HVLR1529F400MK9 | 1529 | ±1% | 400MΩ | 5   | ±100ppm/°C | 15W | 48000V |
| HVLR1529F500MK9 | 1529 | ±1% | 500MΩ | 5   | ±100ppm/°C | 15W | 48000V |
| HVLR1529F1G00K9 | 1529 | ±1% | 1GΩ   | 5   | ±100ppm/°C | 15W | 48000V |

## 版本变更

| 版本变更日志 | 变更内容    | 变更日期       | 审核人 |
|--------|---------|------------|-----|
| V0     | 新品发布    | 2019.12.13 | LWW |
| V1     | 规格书改版发行 | 2023.9.17  | LWW |

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