

# 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。



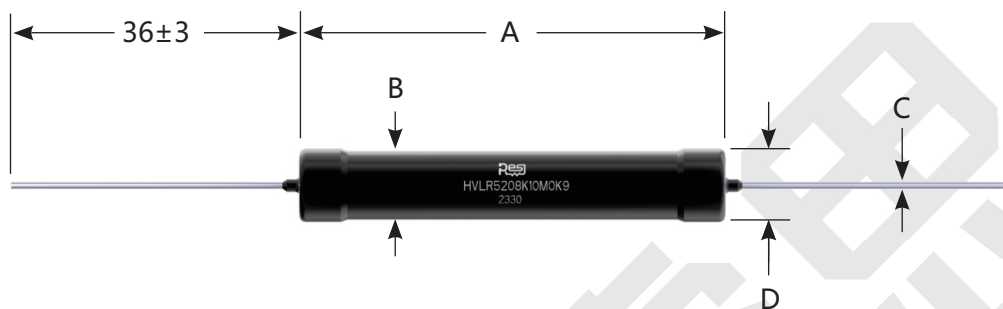
#### 电气参数

系列号	产品规格	功率 (+125°C)	最大 工作电压*	工作 温度范围	温度系数 ppm/°C	阻值范围 Ω	单支重量 g	精度 %
HVLR	1505	0.7W	2500V	-55°C~+175°C	±100 (-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 (-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 (-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 (-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 (-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 (-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 (-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 (-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 (-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 (-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 (-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 (-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 mm	尺寸:B mm	尺寸:C mm	尺寸:D 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 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 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 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	正半正弦波, 峰值加速度100g's, 脉冲持续6ms, 三轴六向 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 (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 IEC 60115-1 4.8	最大值在±100ppm/°C以内

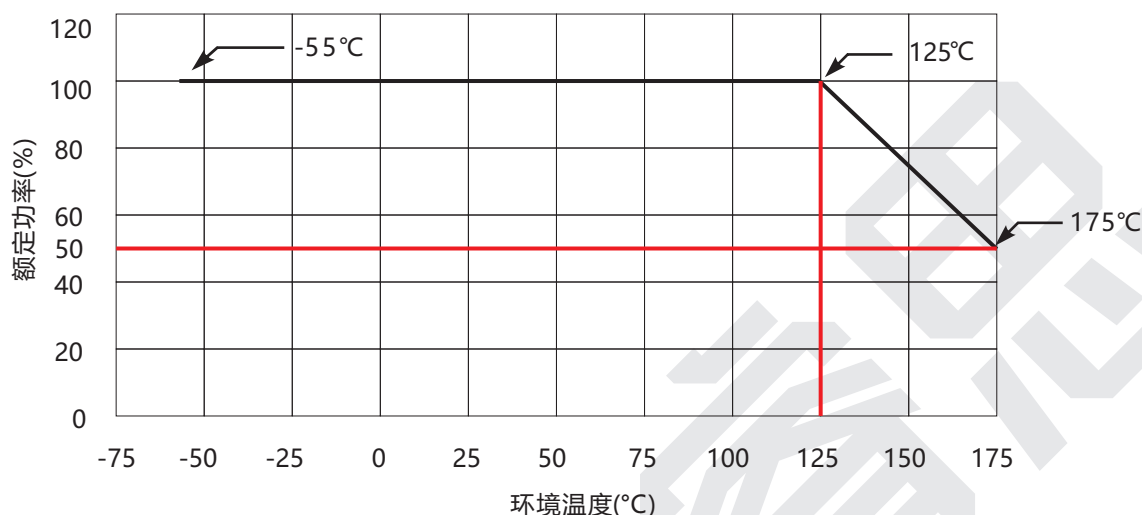
### 选型表

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 1905 1029 2505 1179 2408 1279 3908 1379 5208 1529	B=±0.1% D=±0.5% F=±1.0% G=±2.0% J=±5.0% K=±10%	1K00=1KΩ 1M00=1MΩ 1G00=1GΩ	K=100ppm/°C	9=标准品 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
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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

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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
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

### 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
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

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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
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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