

# 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

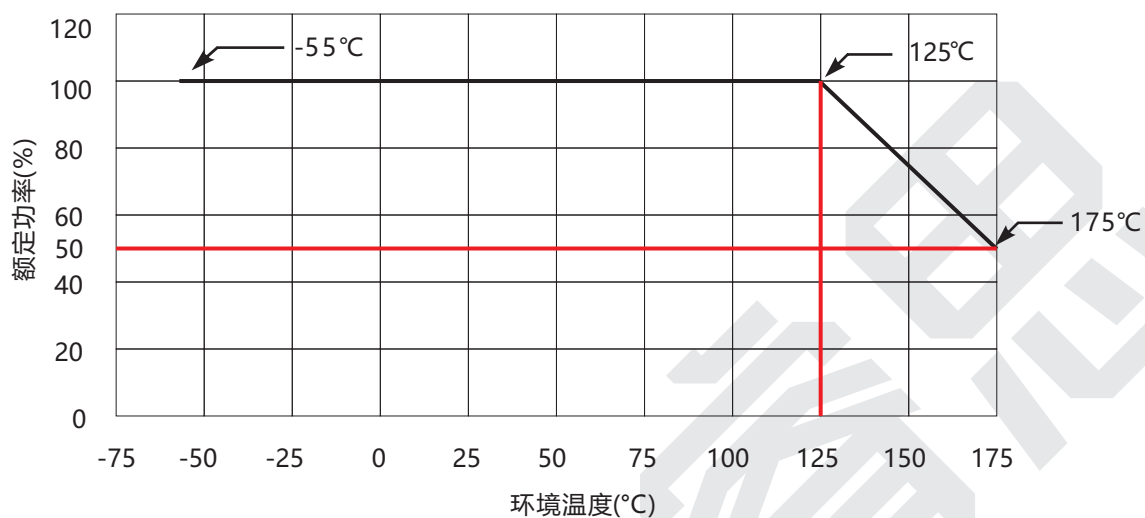
### 选型表

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

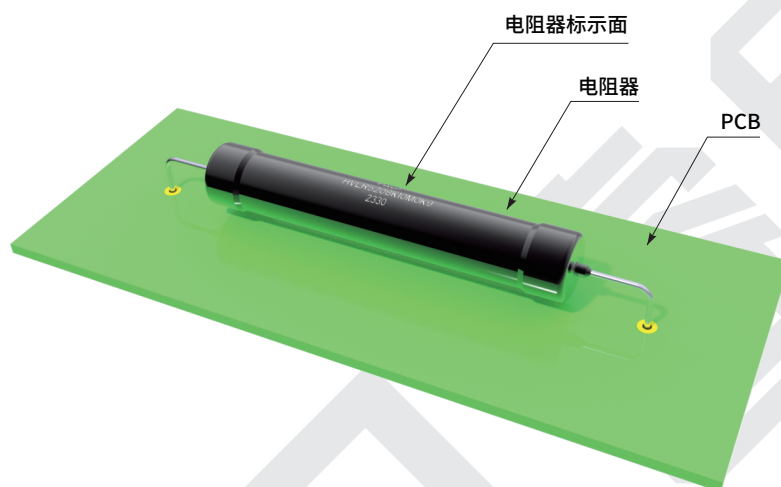
HVLR5208



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

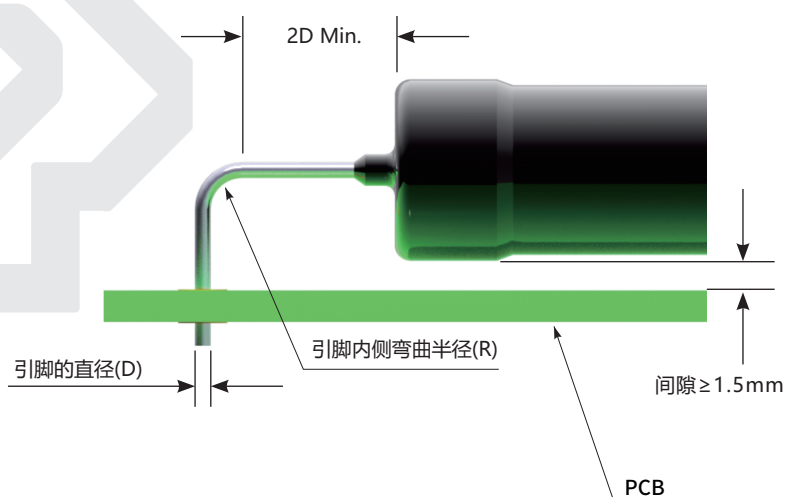
## 安装建议

- (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
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

### 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



### 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

## 免责声明

所有产品、产品说明书以及数据均可在不作另行通知的情况下更改。

深圳市开步电子有限公司及其附属单位、代理商、雇员以及其他代表其行事的任何人（合称为“开步电子”）不因本协议项下或其他披露中与产品相关的信息的任何错误、不准确及不完整等承担任何法律责任。

产品说明书不构成对开步电子中采购条款与条件的扩展或修订，包括但不限于本协议项下的保证。

除采购条款和条件中有特别说明外，开步电子不作任何保证、陈述以及担保。

**在适用法律许可的最大范围内，开步电子特作出如下免责声明：**

- (1)因产品使用而造成的所有责任；**
- (2)包括但不限于特殊、间接或附带损害产生的所有责任；**
- (3)所有默示的保证，包括对特殊用途的适宜性、无侵权的可能性和可销性的保证。**

规格书和参数表提供的信息在不同的应用中会有差异，并且随着时间的推移，产品的性能可能发生变化。对于产品的推荐应用说明是基于开步电子对于典型需求的认知和经验。顾客有义务根据产品说明书中所提供的参数去验证该产品是否适用于某个具体的应用。在正式安装或使用产品之前，您应确保已获取相关信息的最新版本，您可以通过resistor.today的网站获得。

本协议的签署不构成对开步电子产品所有知识产权相关的明示、默示或其他形式的许可。

除非另有明确指出，本协议所列的产品不适用于救生或维持生命的产品。在无明确指出的情况下，顾客擅自使用在上述产品中造成的一切风险由其自行承担，并且同意全额赔偿开步电子因该种销售或使用带来的一切损失。针对此类特殊应用的产品书面条款，请联系已授权的开步电子有关人员获得。

所列产品标注的名称以及标记可能为他人所有的商标。

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Thick Film Resistors - Through Hole](#) category:*

*Click to view products by [RESI manufacturer](#):*

Other Similar products are found below :

[M8340104K3300GCD03](#) [M8340105K3300GGD03](#) [M8340105K3922FGD03](#) [M8340107K2401GCD03](#) [M8340109K1002JCD03](#)

[M8340109K1003GCD03](#) [MP850-3.00-1%](#) [ARC3.11 2M J A](#) [M8340105K1003GCD03](#) [M8340105M2201GCD03](#) [M8340107M7501GCD03](#)

[M8340108K2051FCD03](#) [M8340108K7501GCD03](#) [M8340108M5100JGD03](#) [M8340109K1000GCD03](#) [MOX-GRD-001](#)

[M8340102M4701GBD04](#) [M8340102K1002GBD04](#) [M8340109K2002GGD03](#) [M8340108K2002FGD03](#) [OE1305](#) [MS-221-82R5](#) [MOX-](#)

[750231004DE](#) [MOX-4-127505J](#) [SM102034504FE](#) [MOX300002206FE](#) [MOX-400233004F](#) [MOX300001005BE](#) [SM104066008J](#) [MOX-](#)

[400262008PE](#) [MOX-400232506FE](#) [MOX-400234007FE](#) [MOX-400221006G](#) [MOX-750235006ME](#) [SM103032506FE](#) [SM202022005FE](#)

[MOX1125231002FE](#) [MOX-1-122504F](#) [MOX-400225003F](#) [MOX1125731008FE](#) [MOX-5-126002JE](#) [MS176-2.20M-1%](#) [MOX-830212453BE](#)

[TRHE01A270RJ2E](#) [TRHE01A560RJ2E](#) [TRHP01A200RF2E](#) [TRHP01A5001F2E](#) [MG715-2.40M-1%](#) [MS214-20.0K-1%](#) [MF0W4FF4702A50](#)