Data Sheet No: E08007
Version: V1
Date: 2023/09/17

睿思

HVLR

High Voltage Non-Inductive Resistor

Resistance	1KΩ~1GΩ
Tolerance	±0.1%
TCR	±100ppm/℃
Operating Voltage	$48000V_{max}$

Applications

Medical Equipment
Electrical Equipment
Instrumentation
Automotive Electronics
Testing & Measurement Equipment

Better Solution for Sustainable High End Manufacturing

High Voltage Non-Inductive Resistor
Tight Tolerance, High Voltage, Low VCR and High Reliability

Introduction

HVLR series resistor applies self-developed electronic paste on Al^2O^3 ceramic rod by precise thick-film technology. The TCR of HVLR can reach within ±100ppm/℃ in the temperature range of -25℃~+125℃, with ±0.1% tightest tolerance and 0.01ppm/V VCR.

Voltage coefficient of resistance (VCR) is one of the most critical electrical parameters of high voltage resistor. As electronic paste is made by mixing conductive and non-conductive materials, the non-conductive materials are activated to form a parallel resistance in a high-voltage operation, resulting in the change in the resistance value. The low VCR is mainly determined by the quality of manufacturing and processing of electronic paste. HVLR undergoes 100% high-voltage testing after manufactured to ensure the performance of each resistor under high-voltage conditions.

The core materials and processes of HVLR have been independently controllable. with stable quality and timely delivery. If the standard specifications cannot meet your needs, please contact our sales.

RoHS AEC-Q200 3D

Electrical Parameters

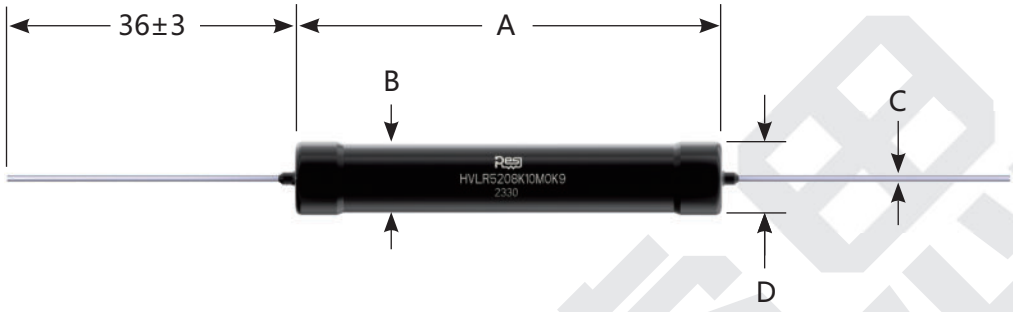
Series	Size	Rated Power (+125℃)	Max. Operating Voltage*	Operating Temperature	TCR ppm/℃	Resistance	Unit Weight g	Tolerance %
HVLR	1505	0.7W	2500V	-55℃~+175℃	±100 (-25℃ ~ +125℃,+25℃ ref)	1KΩ~1GΩ	1.70±1	±0.1~±10.0
HVLR	1905	1.0W	3500V	-55℃~+175℃	±100 (-25℃ ~ +125℃,+25℃ ref)	1KΩ~1GΩ	1.93±1	±0.1~±10.0
HVLR	2505	1.2W	5500V	-55℃~+175℃	±100 (-25℃ ~ +125℃,+25℃ ref)	1KΩ~1GΩ	2.45±1	±0.1~±10.0
HVLR	2408	2.0W	5500V	-55℃~+175℃	±100 (-25℃ ~ +125℃,+25℃ ref)	1KΩ~1GΩ	5.16±2	±0.1~±10.0
HVLR	3908	3.0W	10000V	-55℃~+175℃	±100 (-25℃ ~ +125℃,+25℃ ref)	1KΩ~1GΩ	7.57±2	±0.1~±10.0
HVLR	5208	5.0W	15000V	-55℃~+175℃	±100 (-25℃ ~ +125℃,+25℃ ref)	1KΩ~1GΩ	9.58±2	±0.1~±10.0
HVLR	7609	7.5W	22500V	-55℃~+175℃	±100 (-25℃ ~ +125℃,+25℃ ref)	1KΩ~1GΩ	18.60±2	±0.1~±10.0
HVLR	1029	10.0W	32000V	-55℃~+175℃	±100 (-25℃ ~ +125℃,+25℃ ref)	1KΩ~1GΩ	23.63±2	±0.1~±10.0
HVLR	1179	11.0W	35000V	-55℃~+175℃	±100 (-25℃ ~ +125℃,+25℃ ref)	1KΩ~1GΩ	26.24±2	±0.1~±10.0
HVLR	1279	12.0W	40000V	-55℃~+175℃	±100 (-25℃ ~ +125℃,+25℃ ref)	1KΩ~1GΩ	28.56±2	±0.1~±10.0
HVLR	1379	13.0W	45000V	-55℃~+175℃	±100 (-25℃ ~ +125℃,+25℃ ref)	1KΩ~1GΩ	31.64±2	±0.1~±10.0
HVLR	1529	15.0W	48000V	-55℃~+175℃	±100 (-25℃ ~ +125℃,+25℃ ref)	1KΩ~1GΩ	34.34±2	±0.1~±10.0

*The maximum operating voltage should be the smaller one between U=√(P * R) and Umax.

C&B Electronics Shenzhen CO., LTD. | www.resistor.today | resi@cbeureka.com | Tel:0755-83981080/83981010

Dimensions

Unit: mm



Series	Size	Resistance	A	B	C	D
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

Performance

Test	Test Method	Standards	Test Results
Voltage Coefficient of Resistance	25 ± 5 ℃, apply 10% rated voltage and 100% rated voltage, load time ≤ 0.5s, interval 5s	MIL-STD-202 Method 309	Typical 0.01ppm/V, Max. 2ppm/V
Voltage Proof	Apply 4500VDC between the lead and the epoxy coating for 60s	IEC 60115-1 4.7	No breakdown or flashover, △R≤±0.5%
Thermal Shock	-55°C, 15min~ambient temperature<20s~+150°C, 15min, 1000 Cycles	MIL-STD-202 Method 107	△R≤±1.0%
Short Time Overload	Apply 5 times rated power for 5s, no more than 1.5 times the max operating voltage	IEC60115-1-2008 4.13	△R≤±0.5%
Bias Humidity	+85°C, 85%RH, load 10% rated power, 1000h measure within 24±4h after the test	MIL-STD-202 Method 103	△R≤±1.0%
High Temperature Storage	+150°C, 1000h, no load	MIL-STD-202 Method 108	△R≤±1.0%
Moisture Resistance	Apply T=24 h/cycle, zero power, method 7a and 7b are not required	MIL-STD-202 Method 106	△R≤±1.0%
Mechanical Shock	Half Sine Wave, peak acceleration 100g's, pulse duration 6ms, 3 times in each of six directions, on three different axes	MIL-STD-202 Method 213	△R≤±0.5%
Vibration	10-2000Hz for 1 min, test in directions of X Y Z for 12h totally	MIL-STD-202 Method 204	△R≤±0.5%
Load Life	Apply rated power for 1000 hours, 1.5h on, 0.5h off (ambient temperature 125℃)	MIL-STD-202 Method 108	△R≤±1.0%
TCR	-25℃ and +125℃, +25℃ Ref.	AEC-Q200 TEST 18 IEC 60115-1 4.8	Within ±100ppm/℃

Part Number Information

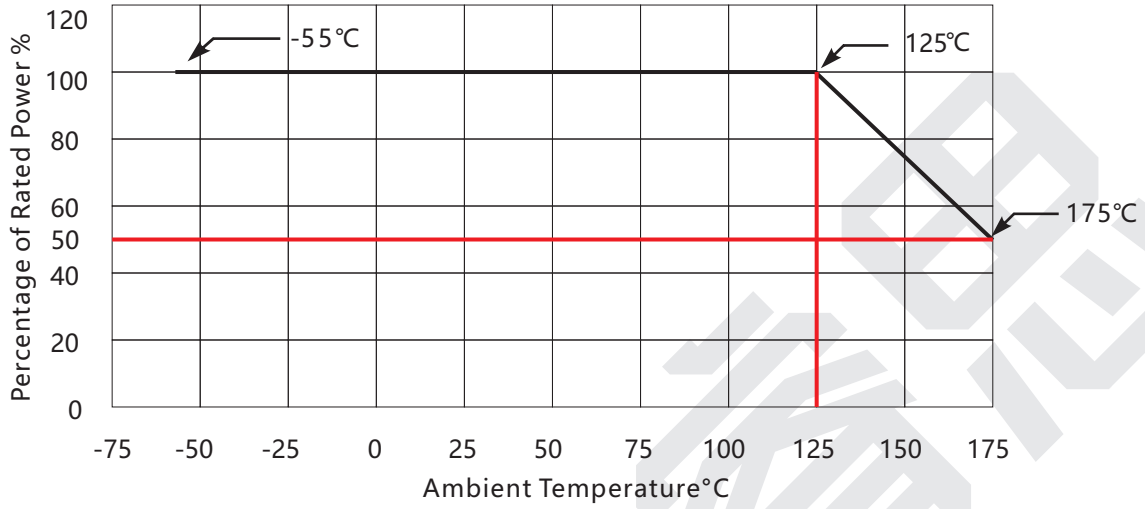
Example: HVLR1505F100MK9(HVLR 1505 ±1% 100MΩ ±100ppm/℃ Standard)

H	V	L	R	1	5	0	5	F	1	0	0	M	K	9

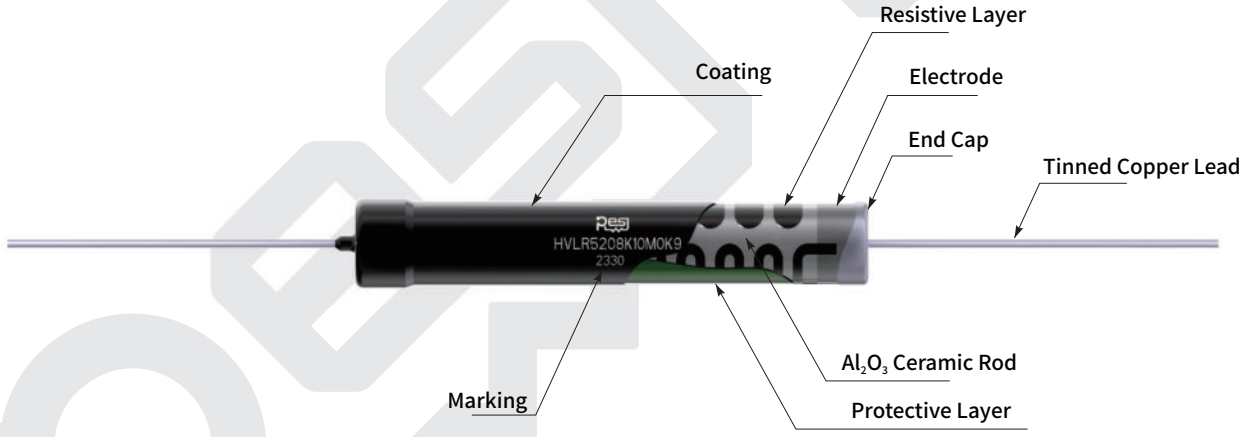
Series	Size		Tolerance	Resistance	TCR	Code
HVLR	1505	7609	B=±0.1%	1K00=1KΩ	K=100ppm/℃	9=Standard
	1905	1029	D=±0.5%	1M00=1MΩ		0-8=Custom
	2505	1179	F=±1.0%	1G00=1GΩ		
	2408	1279	G=±2.0%			
	3908	1379	J=±5.0%			
	5208	1529	K=±10%			

If you need products with smaller or larger dimensions, higher voltage, tighter tolerance, and lower TCR, please contact us for customized development.

Derating Curve



Construction



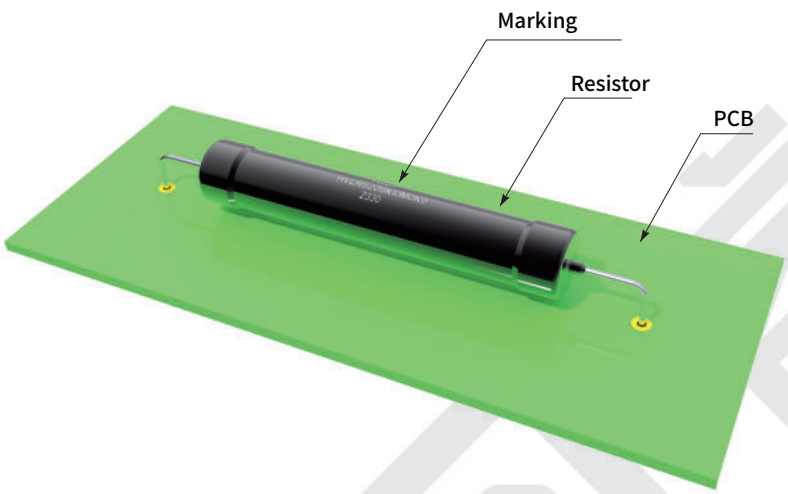
Marking

The first line (four digits) represents brand.
The second line (fifteen digits) represents part number.
The third line (four digits) represents date code.

Size	Illustration	Demonstration
HVLR5208		RESI: Brand HVLR5208K10M0K9: Part Number 2330: Date Code

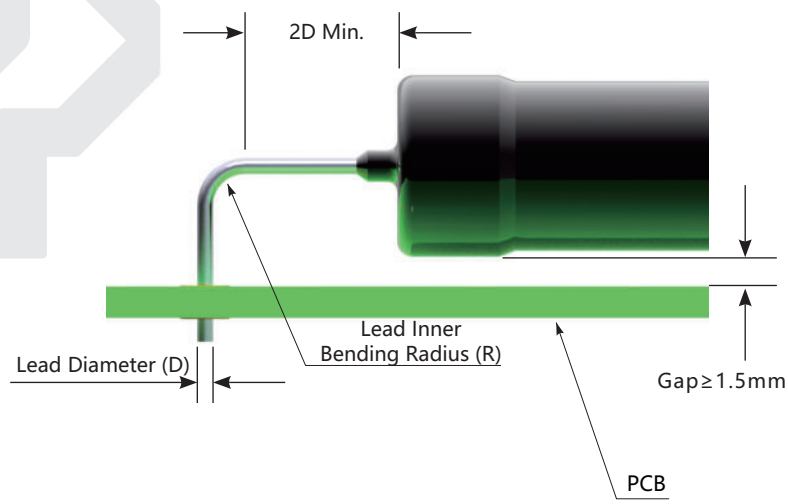
Installation

(1) The following figure shows the HVLR common installation. The resistor should be installed horizontally between two soldering pads and the lengths of the leads at both ends should be consistent.
(2) As shown in the following figure, it is recommended to place the resistor marking facing upwards for reading the product part number and date code.
(3) As shown in the following figure, it is recommended to maintain a gap of ≥ 1.5mm between the resistor and the PCB, because of the high voltage conditions of HVLR.



(4) The minimum inner bending radius of the resistor lead is shown in the following table:

Lead Diameter (D)	Minimum Lead Inner Bending Radius (R)
< 0.6mm	1x Lead Diameter
0.6mm~1.2mm	1.5x Lead Diameter
>1.2mm	2x Lead Diameter



(5) HVLR can be packaged and used in transformer oil.

Packing Instructions

HVLR adopts anti-static vacuum-sealed packaging, and the minimum packaging quantity for each specification can be found on Popular Part Numbers page.

Storage Instructions

(1) Resistors should be stored at a temperature of 5 ℃ to 35 ℃, humidity ≤ 60% RH, and the humidity should be kept as low as possible.
(2) Resistors should be protected from direct sunlight.
(3) Resistors should be stored in a clean and dry environment, free of harmful gases (hydrogen chloride, sulfuric acid, hydrogen sulfide, etc).
(4) Installation and storage should be handled carefully to prevent mechanical damage or deformation of the leads of the resistor caused by external impact.
(5) Under the above conditions, resistors can be stored for at least 1 year.

Popular Part Numbers

Part Number	Size	Tolerance	Resistance	SPQ	TCR	Power	Max. Operating Voltage
HVLR1505J1K00K9	1505	±5%	1KΩ	50	±100ppm/℃	0.7W	26V
HVLR1505J2K00K9	1505	±5%	2KΩ	50	±100ppm/℃	0.7W	37V
HVLR1505J5K00K9	1505	±5%	5KΩ	50	±100ppm/℃	0.7W	59V
HVLR1505J10K0K9	1505	±5%	10KΩ	50	±100ppm/℃	0.7W	84V
HVLR1505J20K0K9	1505	±5%	20KΩ	50	±100ppm/℃	0.7W	118V
HVLR1505J50K0K9	1505	±5%	50KΩ	50	±100ppm/℃	0.7W	187V
HVLR1505J100KK9	1505	±5%	100KΩ	50	±100ppm/℃	0.7W	265V
HVLR1505J200KK9	1505	±5%	200KΩ	50	±100ppm/℃	0.7W	374V
HVLR1505J500KK9	1505	±5%	500KΩ	50	±100ppm/℃	0.7W	592V
HVLR1505J1M00K9	1505	±5%	1MΩ	50	±100ppm/℃	0.7W	837V
HVLR1505J2M00K9	1505	±5%	2MΩ	50	±100ppm/℃	0.7W	1183V
HVLR1505J2M50K9	1505	±5%	2.5MΩ	50	±100ppm/℃	0.7W	1323V
HVLR1505J3M00K9	1505	±5%	3MΩ	50	±100ppm/℃	0.7W	1449V
HVLR1505J4M00K9	1505	±5%	4MΩ	50	±100ppm/℃	0.7W	1673V
HVLR1505J5M00K9	1505	±5%	5MΩ	50	±100ppm/℃	0.7W	1871V
HVLR1505J10M0K9	1505	±5%	10MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505J20M0K9	1505	±5%	20MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505J30M0K9	1505	±5%	30MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505J50M0K9	1505	±5%	50MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505J100MK9	1505	±5%	100MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505J200MK9	1505	±5%	200MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505J300MK9	1505	±5%	300MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505J500MK9	1505	±5%	500MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505J1G00K9	1505	±5%	1GΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505F1K00K9	1505	±1%	1KΩ	50	±100ppm/℃	0.7W	26V
HVLR1505F2K00K9	1505	±1%	2KΩ	50	±100ppm/℃	0.7W	37V
HVLR1505F5K00K9	1505	±1%	5KΩ	50	±100ppm/℃	0.7W	59V
HVLR1505F10K0K9	1505	±1%	10KΩ	50	±100ppm/℃	0.7W	84V
HVLR1505F20K0K9	1505	±1%	20KΩ	50	±100ppm/℃	0.7W	118V
HVLR1505F50K0K9	1505	±1%	50KΩ	50	±100ppm/℃	0.7W	187V
HVLR1505F100KK9	1505	±1%	100KΩ	50	±100ppm/℃	0.7W	265V
HVLR1505F200KK9	1505	±1%	200KΩ	50	±100ppm/℃	0.7W	374V
HVLR1505F500KK9	1505	±1%	500KΩ	50	±100ppm/℃	0.7W	592V
HVLR1505F1M00K9	1505	±1%	1MΩ	50	±100ppm/℃	0.7W	837V
HVLR1505F2M00K9	1505	±1%	2MΩ	50	±100ppm/℃	0.7W	1183V
HVLR1505F2M50K9	1505	±1%	2.5MΩ	50	±100ppm/℃	0.7W	1323V
HVLR1505F3M00K9	1505	±1%	3MΩ	50	±100ppm/℃	0.7W	1449V
HVLR1505F4M00K9	1505	±1%	4MΩ	50	±100ppm/℃	0.7W	1673V
HVLR1505F5M00K9	1505	±1%	5MΩ	50	±100ppm/℃	0.7W	1871V
HVLR1505F10M0K9	1505	±1%	10MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505F20M0K9	1505	±1%	20MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505F30M0K9	1505	±1%	30MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505F50M0K9	1505	±1%	50MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505F100MK9	1505	±1%	100MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505F200MK9	1505	±1%	200MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505F300MK9	1505	±1%	300MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505F500MK9	1505	±1%	500MΩ	50	±100ppm/℃	0.7W	2500V
HVLR1505F1G00K9	1505	±1%	1GΩ	50	±100ppm/℃	0.7W	2500V
HVLR1905J1K00K9	1905	±5%	1KΩ	50	±100ppm/℃	1W	32V
HVLR1905J2K00K9	1905	±5%	2KΩ	50	±100ppm/℃	1W	45V
HVLR1905J5K00K9	1905	±5%	5KΩ	50	±100ppm/℃	1W	71V
HVLR1905J10K0K9	1905	±5%	10KΩ	50	±100ppm/℃	1W	100V
HVLR1905J20K0K9	1905	±5%	20KΩ	50	±100ppm/℃	1W	141V
HVLR1905J50K0K9	1905	±5%	50KΩ	50	±100ppm/℃	1W	224V
HVLR1905J100KK9	1905	±5%	100KΩ	50	±100ppm/℃	1W	316V

Popular Part Numbers

Part Number	Size	Tolerance	Resistance	SPQ	TCR	Power	Max. Operating Voltage
HVLR1905J200KK9	1905	±5%	200KΩ	50	±100ppm/℃	1W	447V
HVLR1905J500KK9	1905	±5%	500KΩ	50	±100ppm/℃	1W	707V
HVLR1905J1M00K9	1905	±5%	1MΩ	50	±100ppm/℃	1W	1000V
HVLR1905J2M00K9	1905	±5%	2MΩ	50	±100ppm/℃	1W	1414V
HVLR1905J2M50K9	1905	±5%	2.5MΩ	50	±100ppm/℃	1W	1581V
HVLR1905J3M00K9	1905	±5%	3MΩ	50	±100ppm/℃	1W	1732V
HVLR1905J4M00K9	1905	±5%	4MΩ	50	±100ppm/℃	1W	2000V
HVLR1905J5M00K9	1905	±5%	5MΩ	50	±100ppm/℃	1W	2236V
HVLR1905J10M0K9	1905	±5%	10MΩ	50	±100ppm/℃	1W	3162V
HVLR1905J20M0K9	1905	±5%	20MΩ	50	±100ppm/℃	1W	3500V
HVLR1905J30M0K9	1905	±5%	30MΩ	50	±100ppm/℃	1W	3500V
HVLR1905J50M0K9	1905	±5%	50MΩ	50	±100ppm/℃	1W	3500V
HVLR1905J100MK9	1905	±5%	100MΩ	50	±100ppm/℃	1W	3500V
HVLR1905J200MK9	1905	±5%	200MΩ	50	±100ppm/℃	1W	3500V
HVLR1905J300MK9	1905	±5%	300MΩ	50	±100ppm/℃	1W	3500V
HVLR1905J500MK9	1905	±5%	500MΩ	50	±100ppm/℃	1W	3500V
HVLR1905J1G00K9	1905	±5%	1GΩ	50	±100ppm/℃	1W	3500V
HVLR1905F1K00K9	1905	±1%	1KΩ	50	±100ppm/℃	1W	32V
HVLR1905F2K00K9	1905	±1%	2KΩ	50	±100ppm/℃	1W	45V
HVLR1905F5K00K9	1905	±1%	5KΩ	50	±100ppm/℃	1W	71V
HVLR1905F10K0K9	1905	±1%	10KΩ	50	±100ppm/℃	1W	100V
HVLR1905F20K0K9	1905	±1%	20KΩ	50	±100ppm/℃	1W	141V
HVLR1905F50K0K9	1905	±1%	50KΩ	50	±100ppm/℃	1W	224V
HVLR1905F100KK9	1905	±1%	100KΩ	50	±100ppm/℃	1W	316V
HVLR1905F200KK9	1905	±1%	200KΩ	50	±100ppm/℃	1W	447V
HVLR1905F500KK9	1905	±1%	500KΩ	50	±100ppm/℃	1W	707V
HVLR1905F1M00K9	1905	±1%	1MΩ	50	±100ppm/℃	1W	1000V
HVLR1905F2M00K9	1905	±1%	2MΩ	50	±100ppm/℃	1W	1414V
HVLR1905F2M50K9	1905	±1%	2.5MΩ	50	±100ppm/℃	1W	1581V
HVLR1905F3M00K9	1905	±1%	3MΩ	50	±100ppm/℃	1W	1732V
HVLR1905F4M00K9	1905	±1%	4MΩ	50	±100ppm/℃	1W	2000V
HVLR1905F5M00K9	1905	±1%	5MΩ	50	±100ppm/℃	1W	2236V
HVLR1905F10M0K9	1905	±1%	10MΩ	50	±100ppm/℃	1W	3162V
HVLR1905F20M0K9	1905	±1%	20MΩ	50	±100ppm/℃	1W	3500V
HVLR1905F30M0K9	1905	±1%	30MΩ	50	±100ppm/℃	1W	3500V
HVLR1905F50M0K9	1905	±1%	50MΩ	50	±100ppm/℃	1W	3500V
HVLR1905F100MK9	1905	±1%	100MΩ	50	±100ppm/℃	1W	3500V
HVLR1905F200MK9	1905	±1%	200MΩ	50	±100ppm/℃	1W	3500V
HVLR1905F300MK9	1905	±1%	300MΩ	50	±100ppm/℃	1W	3500V
HVLR1905F500MK9	1905	±1%	500MΩ	50	±100ppm/℃	1W	3500V
HVLR1905F1G00K9	1905	±1%	1GΩ	50	±100ppm/℃	1W	3500V
HVLR2505J1K00K9	2505	±5%	1KΩ	50	±100ppm/℃	1.2W	35V
HVLR2505J2K00K9	2505	±5%	2KΩ	50	±100ppm/℃	1.2W	49V
HVLR2505J5K00K9	2505	±5%	5KΩ	50	±100ppm/℃	1.2W	77V
HVLR2505J10K0K9	2505	±5%	10KΩ	50	±100ppm/℃	1.2W	110V
HVLR2505J20K0K9	2505	±5%	20KΩ	50	±100ppm/℃	1.2W	155V
HVLR2505J50K0K9	2505	±5%	50KΩ	50	±100ppm/℃	1.2W	245V
HVLR2505J100KK9	2505	±5%	100KΩ	50	±100ppm/℃	1.2W	346V
HVLR2505J200KK9	2505	±5%	200KΩ	50	±100ppm/℃	1.2W	490V
HVLR2505J500KK9	2505	±5%	500KΩ	50	±100ppm/℃	1.2W	775V
HVLR2505J1M00K9	2505	±5%	1MΩ	50	±100ppm/℃	1.2W	1095V
HVLR2505J2M00K9	2505	±5%	2MΩ	50	±100ppm/℃	1.2W	1549V
HVLR2505J2M50K9	2505	±5%	2.5MΩ	50	±100ppm/℃	1.2W	1732V
HVLR2505J3M00K9	2505	±5%	3MΩ	50	±100ppm/℃	1.2W	1897V
HVLR2505J4M00K9	2505	±5%	4MΩ	50	±100ppm/℃	1.2W	2191V

Popular Part Numbers

Part Number	Size	Tolerance	Resistance	SPQ	TCR	Power	Max. Operating Voltage
HVLR2505J5M00K9	2505	±5%	5MΩ	50	±100ppm/℃	1.2W	2449V
HVLR2505J10M0K9	2505	±5%	10MΩ	50	±100ppm/℃	1.2W	3464V
HVLR2505J20M0K9	2505	±5%	20MΩ	50	±100ppm/℃	1.2W	4899V
HVLR2505J30M0K9	2505	±5%	30MΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505J50M0K9	2505	±5%	50MΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505J100MK9	2505	±5%	100MΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505J200MK9	2505	±5%	200MΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505J300MK9	2505	±5%	300MΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505J500MK9	2505	±5%	500MΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505J1G00K9	2505	±5%	1GΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505F1K00K9	2505	±1%	1KΩ	50	±100ppm/℃	1.2W	35V
HVLR2505F2K00K9	2505	±1%	2KΩ	50	±100ppm/℃	1.2W	49V
HVLR2505F5K00K9	2505	±1%	5KΩ	50	±100ppm/℃	1.2W	77V
HVLR2505F10K0K9	2505	±1%	10KΩ	50	±100ppm/℃	1.2W	110V
HVLR2505F20K0K9	2505	±1%	20KΩ	50	±100ppm/℃	1.2W	155V
HVLR2505F50K0K9	2505	±1%	50KΩ	50	±100ppm/℃	1.2W	245V
HVLR2505F100KK9	2505	±1%	100KΩ	50	±100ppm/℃	1.2W	346V
HVLR2505F200KK9	2505	±1%	200KΩ	50	±100ppm/℃	1.2W	490V
HVLR2505F500KK9	2505	±1%	500KΩ	50	±100ppm/℃	1.2W	775V
HVLR2505F1M00K9	2505	±1%	1MΩ	50	±100ppm/℃	1.2W	1095V
HVLR2505F2M00K9	2505	±1%	2MΩ	50	±100ppm/℃	1.2W	1549V
HVLR2505F2M50K9	2505	±1%	2.5MΩ	50	±100ppm/℃	1.2W	1732V
HVLR2505F3M00K9	2505	±1%	3MΩ	50	±100ppm/℃	1.2W	1897V
HVLR2505F4M00K9	2505	±1%	4MΩ	50	±100ppm/℃	1.2W	2191V
HVLR2505F5M00K9	2505	±1%	5MΩ	50	±100ppm/℃	1.2W	2449V
HVLR2505F10M0K9	2505	±1%	10MΩ	50	±100ppm/℃	1.2W	3464V
HVLR2505F20M0K9	2505	±1%	20MΩ	50	±100ppm/℃	1.2W	4899V
HVLR2505F30M0K9	2505	±1%	30MΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505F50M0K9	2505	±1%	50MΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505F100MK9	2505	±1%	100MΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505F200MK9	2505	±1%	200MΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505F300MK9	2505	±1%	300MΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505F500MK9	2505	±1%	500MΩ	50	±100ppm/℃	1.2W	5500V
HVLR2505F1G00K9	2505	±1%	1GΩ	50	±100ppm/℃	1.2W	5500V
HVLR2408J1K00K9	2408	±5%	1KΩ	50	±100ppm/℃	2W	45V
HVLR2408J2K00K9	2408	±5%	2KΩ	50	±100ppm/℃	2W	63V
HVLR2408J5K00K9	2408	±5%	5KΩ	50	±100ppm/℃	2W	100V
HVLR2408J10K0K9	2408	±5%	10KΩ	50	±100ppm/℃	2W	141V
HVLR2408J20K0K9	2408	±5%	20KΩ	50	±100ppm/℃	2W	200V
HVLR2408J50K0K9	2408	±5%	50KΩ	50	±100ppm/℃	2W	316V
HVLR2408J100KK9	2408	±5%	100KΩ	50	±100ppm/℃	2W	447V
HVLR2408J200KK9	2408	±5%	200KΩ	50	±100ppm/℃	2W	632V
HVLR2408J500KK9	2408	±5%	500KΩ	50	±100ppm/℃	2W	1000V
HVLR2408J1M00K9	2408	±5%	1MΩ	50	±100ppm/℃	2W	1414V
HVLR2408J2M00K9	2408	±5%	2MΩ	50	±100ppm/℃	2W	2000V
HVLR2408J2M50K9	2408	±5%	2.5MΩ	50	±100ppm/℃	2W	2236V
HVLR2408J3M00K9	2408	±5%	3MΩ	50	±100ppm/℃	2W	2449V
HVLR2408J4M00K9	2408	±5%	4MΩ	50	±100ppm/℃	2W	2828V
HVLR2408J5M00K9	2408	±5%	5MΩ	50	±100ppm/℃	2W	3162V
HVLR2408J10M0K9	2408	±5%	10MΩ	50	±100ppm/℃	2W	4472V
HVLR2408J20M0K9	2408	±5%	20MΩ	50	±100ppm/℃	2W	5500V
HVLR2408J30M0K9	2408	±5%	30MΩ	50	±100ppm/℃	2W	5500V
HVLR2408J50M0K9	2408	±5%	50MΩ	50	±100ppm/℃	2W	5500V
HVLR2408J100MK9	2408	±5%	100MΩ	50	±100ppm/℃	2W	5500V
HVLR2408J200MK9	2408	±5%	200MΩ	50	±100ppm/℃	2W	5500V

Popular Part Numbers

Part Number	Size	Tolerance	Resistance	SPQ	TCR	Power	Max. Operating Voltage
HVLR2408J300MK9	2408	±5%	300MΩ	50	±100ppm/℃	2W	5500V
HVLR2408J500MK9	2408	±5%	500MΩ	50	±100ppm/℃	2W	5500V
HVLR2408J1G00K9	2408	±5%	1GΩ	50	±100ppm/℃	2W	5500V
HVLR2408F1K00K9	2408	±1%	1KΩ	50	±100ppm/℃	2W	45V
HVLR2408F2K00K9	2408	±1%	2KΩ	50	±100ppm/℃	2W	63V
HVLR2408F5K00K9	2408	±1%	5KΩ	50	±100ppm/℃	2W	100V
HVLR2408F10K0K9	2408	±1%	10KΩ	50	±100ppm/℃	2W	141V
HVLR2408F20K0K9	2408	±1%	20KΩ	50	±100ppm/℃	2W	200V
HVLR2408F50K0K9	2408	±1%	50KΩ	50	±100ppm/℃	2W	316V
HVLR2408F100KK9	2408	±1%	100KΩ	50	±100ppm/℃	2W	447V
HVLR2408F200KK9	2408	±1%	200KΩ	50	±100ppm/℃	2W	632V
HVLR2408F500KK9	2408	±1%	500KΩ	50	±100ppm/℃	2W	1000V
HVLR2408F1M00K9	2408	±1%	1MΩ	50	±100ppm/℃	2W	1414V
HVLR2408F2M00K9	2408	±1%	2MΩ	50	±100ppm/℃	2W	2000V
HVLR2408F2M50K9	2408	±1%	2.5MΩ	50	±100ppm/℃	2W	2236V
HVLR2408F3M00K9	2408	±1%	3MΩ	50	±100ppm/℃	2W	2449V
HVLR2408F4M00K9	2408	±1%	4MΩ	50	±100ppm/℃	2W	2828V
HVLR2408F5M00K9	2408	±1%	5MΩ	50	±100ppm/℃	2W	3162V
HVLR2408F10M0K9	2408	±1%	10MΩ	50	±100ppm/℃	2W	4472V
HVLR2408F20M0K9	2408	±1%	20MΩ	50	±100ppm/℃	2W	5500V
HVLR2408F30M0K9	2408	±1%	30MΩ	50	±100ppm/℃	2W	5500V
HVLR2408F50M0K9	2408	±1%	50MΩ	50	±100ppm/℃	2W	5500V
HVLR2408F100MK9	2408	±1%	100MΩ	50	±100ppm/℃	2W	5500V
HVLR2408F200MK9	2408	±1%	200MΩ	50	±100ppm/℃	2W	5500V
HVLR2408F300MK9	2408	±1%	300MΩ	50	±100ppm/℃	2W	5500V
HVLR2408F500MK9	2408	±1%	500MΩ	50	±100ppm/℃	2W	5500V
HVLR2408F1G00K9	2408	±1%	1GΩ	50	±100ppm/℃	2W	5500V
HVLR3908J1K00K9	3908	±5%	1KΩ	25	±100ppm/℃	3W	55V
HVLR3908J2K00K9	3908	±5%	2KΩ	25	±100ppm/℃	3W	77V
HVLR3908J5K00K9	3908	±5%	5KΩ	25	±100ppm/℃	3W	122V
HVLR3908J10K0K9	3908	±5%	10KΩ	25	±100ppm/℃	3W	173V
HVLR3908J20K0K9	3908	±5%	20KΩ	25	±100ppm/℃	3W	245V
HVLR3908J50K0K9	3908	±5%	50KΩ	25	±100ppm/℃	3W	387V
HVLR3908J100KK9	3908	±5%	100KΩ	25	±100ppm/℃	3W	548V
HVLR3908J200KK9	3908	±5%	200KΩ	25	±100ppm/℃	3W	775V
HVLR3908J500KK9	3908	±5%	500KΩ	25	±100ppm/℃	3W	1225V
HVLR3908J1M00K9	3908	±5%	1MΩ	25	±100ppm/℃	3W	1732V
HVLR3908J2M00K9	3908	±5%	2MΩ	25	±100ppm/℃	3W	2449V
HVLR3908J2M50K9	3908	±5%	2.5MΩ	25	±100ppm/℃	3W	2739V
HVLR3908J3M00K9	3908	±5%	3MΩ	25	±100ppm/℃	3W	3000V
HVLR3908J4M00K9	3908	±5%	4MΩ	25	±100ppm/℃	3W	3464V
HVLR3908J5M00K9	3908	±5%	5MΩ	25	±100ppm/℃	3W	3873V
HVLR3908J10M0K9	3908	±5%	10MΩ	25	±100ppm/℃	3W	5477V
HVLR3908J20M0K9	3908	±5%	20MΩ	25	±100ppm/℃	3W	7746V
HVLR3908J30M0K9	3908	±5%	30MΩ	25	±100ppm/℃	3W	9487V
HVLR3908J50M0K9	3908	±5%	50MΩ	25	±100ppm/℃	3W	10000V
HVLR3908J100MK9	3908	±5%	100MΩ	25	±100ppm/℃	3W	10000V
HVLR3908J200MK9	3908	±5%	200MΩ	25	±100ppm/℃	3W	10000V
HVLR3908J300MK9	3908	±5%	300MΩ	25	±100ppm/℃	3W	10000V
HVLR3908J500MK9	3908	±5%	500MΩ	25	±100ppm/℃	3W	10000V
HVLR3908J1G00K9	3908	±5%	1GΩ	25	±100ppm/℃	3W	10000V
HVLR3908F1K00K9	3908	±1%	1KΩ	25	±100ppm/℃	3W	55V
HVLR3908F2K00K9	3908	±1%	2KΩ	25	±100ppm/℃	3W	77V
HVLR3908F5K00K9	3908	±1%	5KΩ	25	±100ppm/℃	3W	122V
HVLR3908F10K0K9	3908	±1%	10KΩ	25	±100ppm/℃	3W	173V

Popular Part Numbers

Part Number	Size	Tolerance	Resistance	SPQ	TCR	Power	Max. Operating Voltage
HVLR3908F20K0K9	3908	±1%	20KΩ	25	±100ppm/℃	3W	245V
HVLR3908F50K0K9	3908	±1%	50KΩ	25	±100ppm/℃	3W	387V
HVLR3908F100KK9	3908	±1%	100KΩ	25	±100ppm/℃	3W	548V
HVLR3908F200KK9	3908	±1%	200KΩ	25	±100ppm/℃	3W	775V
HVLR3908F500KK9	3908	±1%	500KΩ	25	±100ppm/℃	3W	1225V
HVLR3908F1M00K9	3908	±1%	1MΩ	25	±100ppm/℃	3W	1732V
HVLR3908F2M00K9	3908	±1%	2MΩ	25	±100ppm/℃	3W	2449V
HVLR3908F2M50K9	3908	±1%	2.5MΩ	25	±100ppm/℃	3W	2739V
HVLR3908F3M00K9	3908	±1%	3MΩ	25	±100ppm/℃	3W	3000V
HVLR3908F4M00K9	3908	±1%	4MΩ	25	±100ppm/℃	3W	3464V
HVLR3908F5M00K9	3908	±1%	5MΩ	25	±100ppm/℃	3W	3873V
HVLR3908F10M0K9	3908	±1%	10MΩ	25	±100ppm/℃	3W	5477V
HVLR3908F20M0K9	3908	±1%	20MΩ	25	±100ppm/℃	3W	7746V
HVLR3908F30M0K9	3908	±1%	30MΩ	25	±100ppm/℃	3W	9487V
HVLR3908F50M0K9	3908	±1%	50MΩ	25	±100ppm/℃	3W	10000V
HVLR3908F100MK9	3908	±1%	100MΩ	25	±100ppm/℃	3W	10000V
HVLR3908F200MK9	3908	±1%	200MΩ	25	±100ppm/℃	3W	10000V
HVLR3908F300MK9	3908	±1%	300MΩ	25	±100ppm/℃	3W	10000V
HVLR3908F500MK9	3908	±1%	500MΩ	25	±100ppm/℃	3W	10000V
HVLR3908F1G00K9	3908	±1%	1GΩ	25	±100ppm/℃	3W	10000V
HVLR5208J1K00K9	5208	±5%	1KΩ	25	±100ppm/℃	5W	71V
HVLR5208J2K00K9	5208	±5%	2KΩ	25	±100ppm/℃	5W	100V
HVLR5208J5K00K9	5208	±5%	5KΩ	25	±100ppm/℃	5W	158V
HVLR5208J10K0K9	5208	±5%	10KΩ	25	±100ppm/℃	5W	224V
HVLR5208J20K0K9	5208	±5%	20KΩ	25	±100ppm/℃	5W	316V
HVLR5208J50K0K9	5208	±5%	50KΩ	25	±100ppm/℃	5W	500V
HVLR5208J100KK9	5208	±5%	100KΩ	25	±100ppm/℃	5W	707V
HVLR5208J200KK9	5208	±5%	200KΩ	25	±100ppm/℃	5W	1000V
HVLR5208J500KK9	5208	±5%	500KΩ	25	±100ppm/℃	5W	1581V
HVLR5208J1M00K9	5208	±5%	1MΩ	25	±100ppm/℃	5W	2236V
HVLR5208J2M00K9	5208	±5%	2MΩ	25	±100ppm/℃	5W	3162V
HVLR5208J2M50K9	5208	±5%	2.5MΩ	25	±100ppm/℃	5W	3536V
HVLR5208J3M00K9	5208	±5%	3MΩ	25	±100ppm/℃	5W	3873V
HVLR5208J4M00K9	5208	±5%	4MΩ	25	±100ppm/℃	5W	4472V
HVLR5208J5M00K9	5208	±5%	5MΩ	25	±100ppm/℃	5W	5000V
HVLR5208J10M0K9	5208	±5%	10MΩ	25	±100ppm/℃	5W	7071V
HVLR5208J20M0K9	5208	±5%	20MΩ	25	±100ppm/℃	5W	10000V
HVLR5208J30M0K9	5208	±5%	30MΩ	25	±100ppm/℃	5W	12247V
HVLR5208J50M0K9	5208	±5%	50MΩ	25	±100ppm/℃	5W	15000V
HVLR5208J100MK9	5208	±5%	100MΩ	25	±100ppm/℃	5W	15000V
HVLR5208J200MK9	5208	±5%	200MΩ	25	±100ppm/℃	5W	15000V
HVLR5208J300MK9	5208	±5%	300MΩ	25	±100ppm/℃	5W	15000V
HVLR5208J500MK9	5208	±5%	500MΩ	25	±100ppm/℃	5W	15000V
HVLR5208J1G00K9	5208	±5%	1GΩ	25	±100ppm/℃	5W	15000V
HVLR5208F1K00K9	5208	±1%	1KΩ	25	±100ppm/℃	5W	71V
HVLR5208F2K00K9	5208	±1%	2KΩ	25	±100ppm/℃	5W	100V
HVLR5208F5K00K9	5208	±1%	5KΩ	25	±100ppm/℃	5W	158V
HVLR5208F10K0K9	5208	±1%	10KΩ	25	±100ppm/℃	5W	224V
HVLR5208F20K0K9	5208	±1%	20KΩ	25	±100ppm/℃	5W	316V
HVLR5208F50K0K9	5208	±1%	50KΩ	25	±100ppm/℃	5W	500V
HVLR5208F100KK9	5208	±1%	100KΩ	25	±100ppm/℃	5W	707V
HVLR5208F200KK9	5208	±1%	200KΩ	25	±100ppm/℃	5W	1000V
HVLR5208F500KK9	5208	±1%	500KΩ	25	±100ppm/℃	5W	1581V
HVLR5208F1M00K9	5208	±1%	1MΩ	25	±100ppm/℃	5W	2236V
HVLR5208F2M00K9	5208	±1%	2MΩ	25	±100ppm/℃	5W	3162V

Popular Part Numbers

Part Number	Size	Tolerance	Resistance	SPQ	TCR	Power	Max. Operating Voltage
HVLR5208F2M50K9	5208	±1%	2.5MΩ	25	±100ppm/℃	5W	3536V
HVLR5208F3M00K9	5208	±1%	3MΩ	25	±100ppm/℃	5W	3873V
HVLR5208F4M00K9	5208	±1%	4MΩ	25	±100ppm/℃	5W	4472V
HVLR5208F5M00K9	5208	±1%	5MΩ	25	±100ppm/℃	5W	5000V
HVLR5208F10M0K9	5208	±1%	10MΩ	25	±100ppm/℃	5W	7071V
HVLR5208F20M0K9	5208	±1%	20MΩ	25	±100ppm/℃	5W	10000V
HVLR5208F30M0K9	5208	±1%	30MΩ	25	±100ppm/℃	5W	12247V
HVLR5208F50M0K9	5208	±1%	50MΩ	25	±100ppm/℃	5W	15000V
HVLR5208F100MK9	5208	±1%	100MΩ	25	±100ppm/℃	5W	15000V
HVLR5208F200MK9	5208	±1%	200MΩ	25	±100ppm/℃	5W	15000V
HVLR5208F300MK9	5208	±1%	300MΩ	25	±100ppm/℃	5W	15000V
HVLR5208F500MK9	5208	±1%	500MΩ	25	±100ppm/℃	5W	15000V
HVLR5208F1G00K9	5208	±1%	1GΩ	25	±100ppm/℃	5W	15000V
HVLR7609J1K00K9	7609	±5%	1KΩ	20	±100ppm/℃	7.5W	87V
HVLR7609J2K00K9	7609	±5%	2KΩ	20	±100ppm/℃	7.5W	122V
HVLR7609J5K00K9	7609	±5%	5KΩ	20	±100ppm/℃	7.5W	194V
HVLR7609J10K0K9	7609	±5%	10KΩ	20	±100ppm/℃	7.5W	274V
HVLR7609J20K0K9	7609	±5%	20KΩ	20	±100ppm/℃	7.5W	387V
HVLR7609J50K0K9	7609	±5%	50KΩ	20	±100ppm/℃	7.5W	612V
HVLR7609J100KK9	7609	±5%	100KΩ	20	±100ppm/℃	7.5W	866V
HVLR7609J200KK9	7609	±5%	200KΩ	20	±100ppm/℃	7.5W	1225V
HVLR7609J500KK9	7609	±5%	500KΩ	20	±100ppm/℃	7.5W	1936V
HVLR7609J1M00K9	7609	±5%	1MΩ	20	±100ppm/℃	7.5W	2739V
HVLR7609J2M00K9	7609	±5%	2MΩ	20	±100ppm/℃	7.5W	3873V
HVLR7609J2M50K9	7609	±5%	2.5MΩ	20	±100ppm/℃	7.5W	4330V
HVLR7609J3M00K9	7609	±5%	3MΩ	20	±100ppm/℃	7.5W	4743V
HVLR7609J4M00K9	7609	±5%	4MΩ	20	±100ppm/℃	7.5W	5477V
HVLR7609J5M00K9	7609	±5%	5MΩ	20	±100ppm/℃	7.5W	6124V
HVLR7609J10M0K9	7609	±5%	10MΩ	20	±100ppm/℃	7.5W	8660V
HVLR7609J20M0K9	7609	±5%	20MΩ	20	±100ppm/℃	7.5W	12247V
HVLR7609J30M0K9	7609	±5%	30MΩ	20	±100ppm/℃	7.5W	15000V
HVLR7609J50M0K9	7609	±5%	50MΩ	20	±100ppm/℃	7.5W	19365V
HVLR7609J100MK9	7609	±5%	100MΩ	20	±100ppm/℃	7.5W	22500V
HVLR7609J200MK9	7609	±5%	200MΩ	20	±100ppm/℃	7.5W	22500V
HVLR7609J300MK9	7609	±5%	300MΩ	20	±100ppm/℃	7.5W	22500V
HVLR7609J500MK9	7609	±5%	500MΩ	20	±100ppm/℃	7.5W	22500V
HVLR7609J1G00K9	7609	±5%	1GΩ	20	±100ppm/℃	7.5W	22500V
HVLR7609F1K00K9	7609	±1%	1KΩ	20	±100ppm/℃	7.5W	87V
HVLR7609F2K00K9	7609	±1%	2KΩ	20	±100ppm/℃	7.5W	122V
HVLR7609F5K00K9	7609	±1%	5KΩ	20	±100ppm/℃	7.5W	194V
HVLR7609F10K0K9	7609	±1%	10KΩ	20	±100ppm/℃	7.5W	274V
HVLR7609F20K0K9	7609	±1%	20KΩ	20	±100ppm/℃	7.5W	387V
HVLR7609F50K0K9	7609	±1%	50KΩ	20	±100ppm/℃	7.5W	612V
HVLR7609F100KK9	7609	±1%	100KΩ	20	±100ppm/℃	7.5W	866V
HVLR7609F200KK9	7609	±1%	200KΩ	20	±100ppm/℃	7.5W	1225V
HVLR7609F500KK9	7609	±1%	500KΩ	20	±100ppm/℃	7.5W	1936V
HVLR7609F1M00K9	7609	±1%	1MΩ	20	±100ppm/℃	7.5W	2739V
HVLR7609F2M00K9	7609	±1%	2MΩ	20	±100ppm/℃	7.5W	3873V
HVLR7609F2M50K9	7609	±1%	2.5MΩ	20	±100ppm/℃	7.5W	4330V
HVLR7609F3M00K9	7609	±1%	3MΩ	20	±100ppm/℃	7.5W	4743V
HVLR7609F4M00K9	7609	±1%	4MΩ	20	±100ppm/℃	7.5W	5477V
HVLR7609F5M00K9	7609	±1%	5MΩ	20	±100ppm/℃	7.5W	6124V
HVLR7609F10M0K9	7609	±1%	10MΩ	20	±100ppm/℃	7.5W	8660V
HVLR7609F20M0K9	7609	±1%	20MΩ	20	±100ppm/℃	7.5W	12247V
HVLR7609F30M0K9	7609	±1%	30MΩ	20	±100ppm/℃	7.5W	15000V

Popular Part Numbers

Part Number	Size	Tolerance	Resistance	SPQ	TCR	Power	Max. Operating Voltage
HVLR7609F50M0K9	7609	±1%	50MΩ	20	±100ppm/℃	7.5W	19365V
HVLR7609F100MK9	7609	±1%	100MΩ	20	±100ppm/℃	7.5W	22500V
HVLR7609F200MK9	7609	±1%	200MΩ	20	±100ppm/℃	7.5W	22500V
HVLR7609F300MK9	7609	±1%	300MΩ	20	±100ppm/℃	7.5W	22500V
HVLR7609F500MK9	7609	±1%	500MΩ	20	±100ppm/℃	7.5W	22500V
HVLR7609F1G00K9	7609	±1%	1GΩ	20	±100ppm/℃	7.5W	22500V
HVLR1029J1K00K9	1029	±5%	1KΩ	10	±100ppm/℃	10W	100V
HVLR1029J2K00K9	1029	±5%	2KΩ	10	±100ppm/℃	10W	141V
HVLR1029J5K00K9	1029	±5%	5KΩ	10	±100ppm/℃	10W	224V
HVLR1029J10K0K9	1029	±5%	10KΩ	10	±100ppm/℃	10W	316V
HVLR1029J20K0K9	1029	±5%	20KΩ	10	±100ppm/℃	10W	447V
HVLR1029J50K0K9	1029	±5%	50KΩ	10	±100ppm/℃	10W	707V
HVLR1029J100KK9	1029	±5%	100KΩ	10	±100ppm/℃	10W	1000V
HVLR1029J200KK9	1029	±5%	200KΩ	10	±100ppm/℃	10W	1414V
HVLR1029J500KK9	1029	±5%	500KΩ	10	±100ppm/℃	10W	2236V
HVLR1029J1M00K9	1029	±5%	1MΩ	10	±100ppm/℃	10W	3162V
HVLR1029J2M00K9	1029	±5%	2MΩ	10	±100ppm/℃	10W	4472V
HVLR1029J2M50K9	1029	±5%	2.5MΩ	10	±100ppm/℃	10W	5000V
HVLR1029J3M00K9	1029	±5%	3MΩ	10	±100ppm/℃	10W	5477V
HVLR1029J4M00K9	1029	±5%	4MΩ	10	±100ppm/℃	10W	6325V
HVLR1029J5M00K9	1029	±5%	5MΩ	10	±100ppm/℃	10W	7071V
HVLR1029J10M0K9	1029	±5%	10MΩ	10	±100ppm/℃	10W	10000V
HVLR1029J20M0K9	1029	±5%	20MΩ	10	±100ppm/℃	10W	14142V
HVLR1029J30M0K9	1029	±5%	30MΩ	10	±100ppm/℃	10W	17321V
HVLR1029J50M0K9	1029	±5%	50MΩ	10	±100ppm/℃	10W	22361V
HVLR1029J100MK9	1029	±5%	100MΩ	10	±100ppm/℃	10W	31623V
HVLR1029J200MK9	1029	±5%	200MΩ	10	±100ppm/℃	10W	32000V
HVLR1029J300MK9	1029	±5%	300MΩ	10	±100ppm/℃	10W	32000V
HVLR1029J500MK9	1029	±5%	500MΩ	10	±100ppm/℃	10W	32000V
HVLR1029J1G00K9	1029	±5%	1GΩ	10	±100ppm/℃	10W	32000V
HVLR1029F1K00K9	1029	±1%	1KΩ	10	±100ppm/℃	10W	100V
HVLR1029F2K00K9	1029	±1%	2KΩ	10	±100ppm/℃	10W	141V
HVLR1029F5K00K9	1029	±1%	5KΩ	10	±100ppm/℃	10W	224V
HVLR1029F10K0K9	1029	±1%	10KΩ	10	±100ppm/℃	10W	316V
HVLR1029F20K0K9	1029	±1%	20KΩ	10	±100ppm/℃	10W	447V
HVLR1029F50K0K9	1029	±1%	50KΩ	10	±100ppm/℃	10W	707V
HVLR1029F100KK9	1029	±1%	100KΩ	10	±100ppm/℃	10W	1000V
HVLR1029F200KK9	1029	±1%	200KΩ	10	±100ppm/℃	10W	1414V
HVLR1029F500KK9	1029	±1%	500KΩ	10	±100ppm/℃	10W	2236V
HVLR1029F1M00K9	1029	±1%	1MΩ	10	±100ppm/℃	10W	3162V
HVLR1029F2M00K9	1029	±1%	2MΩ	10	±100ppm/℃	10W	4472V
HVLR1029F2M50K9	1029	±1%	2.5MΩ	10	±100ppm/℃	10W	5000V
HVLR1029F3M00K9	1029	±1%	3MΩ	10	±100ppm/℃	10W	5477V
HVLR1029F4M00K9	1029	±1%	4MΩ	10	±100ppm/℃	10W	6325V
HVLR1029F5M00K9	1029	±1%	5MΩ	10	±100ppm/℃	10W	7071V
HVLR1029F10M0K9	1029	±1%	10MΩ	10	±100ppm/℃	10W	10000V
HVLR1029F20M0K9	1029	±1%	20MΩ	10	±100ppm/℃	10W	14142V
HVLR1029F30M0K9	1029	±1%	30MΩ	10	±100ppm/℃	10W	17321V
HVLR1029F50M0K9	1029	±1%	50MΩ	10	±100ppm/℃	10W	22361V
HVLR1029F100MK9	1029	±1%	100MΩ	10	±100ppm/℃	10W	31623V
HVLR1029F200MK9	1029	±1%	200MΩ	10	±100ppm/℃	10W	32000V
HVLR1029F300MK9	1029	±1%	300MΩ	10	±100ppm/℃	10W	32000V
HVLR1029F500MK9	1029	±1%	500MΩ	10	±100ppm/℃	10W	32000V
HVLR1029F1G00K9	1029	±1%	1GΩ	10	±100ppm/℃	10W	32000V
HVLR1179J1K00K9	1179	±5%	1KΩ	5	±100ppm/℃	11W	105V

Popular Part Numbers

Part Number	Size	Tolerance	Resistance	SPQ	TCR	Power	Max. Operating Voltage
HVLR1179J2K00K9	1179	±5%	2KΩ	5	±100ppm/℃	11W	148V
HVLR1179J5K00K9	1179	±5%	5KΩ	5	±100ppm/℃	11W	235V
HVLR1179J10K0K9	1179	±5%	10KΩ	5	±100ppm/℃	11W	332V
HVLR1179J20K0K9	1179	±5%	20KΩ	5	±100ppm/℃	11W	469V
HVLR1179J50K0K9	1179	±5%	50KΩ	5	±100ppm/℃	11W	742V
HVLR1179J100KK9	1179	±5%	100KΩ	5	±100ppm/℃	11W	1049V
HVLR1179J200KK9	1179	±5%	200KΩ	5	±100ppm/℃	11W	1483V
HVLR1179J500KK9	1179	±5%	500KΩ	5	±100ppm/℃	11W	2345V
HVLR1179J1M00K9	1179	±5%	1MΩ	5	±100ppm/℃	11W	3317V
HVLR1179J2M00K9	1179	±5%	2MΩ	5	±100ppm/℃	11W	4690V
HVLR1179J2M50K9	1179	±5%	2.5MΩ	5	±100ppm/℃	11W	5244V
HVLR1179J3M00K9	1179	±5%	3MΩ	5	±100ppm/℃	11W	5745V
HVLR1179J4M00K9	1179	±5%	4MΩ	5	±100ppm/℃	11W	6633V
HVLR1179J5M00K9	1179	±5%	5MΩ	5	±100ppm/℃	11W	7416V
HVLR1179J10M0K9	1179	±5%	10MΩ	5	±100ppm/℃	11W	10488V
HVLR1179J20M0K9	1179	±5%	20MΩ	5	±100ppm/℃	11W	14832V
HVLR1179J30M0K9	1179	±5%	30MΩ	5	±100ppm/℃	11W	18166V
HVLR1179J50M0K9	1179	±5%	50MΩ	5	±100ppm/℃	11W	23452V
HVLR1179J100MK9	1179	±5%	100MΩ	5	±100ppm/℃	11W	33166V
HVLR1179J200MK9	1179	±5%	200MΩ	5	±100ppm/℃	11W	35000V
HVLR1179J300MK9	1179	±5%	300MΩ	5	±100ppm/℃	11W	35000V
HVLR1179J500MK9	1179	±5%	500MΩ	5	±100ppm/℃	11W	35000V
HVLR1179J1G00K9	1179	±5%	1GΩ	5	±100ppm/℃	11W	35000V
HVLR1179F1K00K9	1179	±1%	1KΩ	5	±100ppm/℃	11W	105V
HVLR1179F2K00K9	1179	±1%	2KΩ	5	±100ppm/℃	11W	148V
HVLR1179F5K00K9	1179	±1%	5KΩ	5	±100ppm/℃	11W	235V
HVLR1179F10K0K9	1179	±1%	10KΩ	5	±100ppm/℃	11W	332V
HVLR1179F20K0K9	1179	±1%	20KΩ	5	±100ppm/℃	11W	469V
HVLR1179F50K0K9	1179	±1%	50KΩ	5	±100ppm/℃	11W	742V
HVLR1179F100KK9	1179	±1%	100KΩ	5	±100ppm/℃	11W	1049V
HVLR1179F200KK9	1179	±1%	200KΩ	5	±100ppm/℃	11W	1483V
HVLR1179F500KK9	1179	±1%	500KΩ	5	±100ppm/℃	11W	2345V
HVLR1179F1M00K9	1179	±1%	1MΩ	5	±100ppm/℃	11W	3317V
HVLR1179F2M00K9	1179	±1%	2MΩ	5	±100ppm/℃	11W	4690V
HVLR1179F2M50K9	1179	±1%	2.5MΩ	5	±100ppm/℃	11W	5244V
HVLR1179F3M00K9	1179	±1%	3MΩ	5	±100ppm/℃	11W	5745V
HVLR1179F4M00K9	1179	±1%	4MΩ	5	±100ppm/℃	11W	6633V
HVLR1179F5M00K9	1179	±1%	5MΩ	5	±100ppm/℃	11W	7416V
HVLR1179F10M0K9	1179	±1%	10MΩ	5	±100ppm/℃	11W	10488V
HVLR1179F20M0K9	1179	±1%	20MΩ	5	±100ppm/℃	11W	14832V
HVLR1179F30M0K9	1179	±1%	30MΩ	5	±100ppm/℃	11W	18166V
HVLR1179F50M0K9	1179	±1%	50MΩ	5	±100ppm/℃	11W	23452V
HVLR1179F100MK9	1179	±1%	100MΩ	5	±100ppm/℃	11W	33166V
HVLR1179F200MK9	1179	±1%	200MΩ	5	±100ppm/℃	11W	35000V
HVLR1179F300MK9	1179	±1%	300MΩ	5	±100ppm/℃	11W	35000V
HVLR1179F500MK9	1179	±1%	500MΩ	5	±100ppm/℃	11W	35000V
HVLR1179F1G00K9	1179	±1%	1GΩ	5	±100ppm/℃	11W	35000V
HVLR1279J1K00K9	1279	±5%	1KΩ	5	±100ppm/℃	12W	110V
HVLR1279J2K00K9	1279	±5%	2KΩ	5	±100ppm/℃	12W	155V
HVLR1279J5K00K9	1279	±5%	5KΩ	5	±100ppm/℃	12W	245V
HVLR1279J10K0K9	1279	±5%	10KΩ	5	±100ppm/℃	12W	346V
HVLR1279J20K0K9	1279	±5%	20KΩ	5	±100ppm/℃	12W	490V
HVLR1279J50K0K9	1279	±5%	50KΩ	5	±100ppm/℃	12W	775V
HVLR1279J100KK9	1279	±5%	100KΩ	5	±100ppm/℃	12W	1095V
HVLR1279J200KK9	1279	±5%	200KΩ	5	±100ppm/℃	12W	1549V

Popular Part Numbers

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

Popular Part Numbers

Part Number	Size	Tolerance	Resistance	SPQ	TCR	Power	Max. Operating Voltage
HVLR1379J10M0K9	1379	±5%	10MΩ	5	±100ppm/℃	13W	11402V
HVLR1379J20M0K9	1379	±5%	20MΩ	5	±100ppm/℃	13W	16125V
HVLR1379J30M0K9	1379	±5%	30MΩ	5	±100ppm/℃	13W	19748V
HVLR1379J50M0K9	1379	±5%	50MΩ	5	±100ppm/℃	13W	25495V
HVLR1379J100MK9	1379	±5%	100MΩ	5	±100ppm/℃	13W	36056V
HVLR1379J200MK9	1379	±5%	200MΩ	5	±100ppm/℃	13W	45000V
HVLR1379J300MK9	1379	±5%	300MΩ	5	±100ppm/℃	13W	45000V
HVLR1379J500MK9	1379	±5%	500MΩ	5	±100ppm/℃	13W	45000V
HVLR1379J1G00K9	1379	±5%	1GΩ	5	±100ppm/℃	13W	45000V
HVLR1379F1K00K9	1379	±1%	1KΩ	5	±100ppm/℃	13W	114V
HVLR1379F2K00K9	1379	±1%	2KΩ	5	±100ppm/℃	13W	161V
HVLR1379F5K00K9	1379	±1%	5KΩ	5	±100ppm/℃	13W	255V
HVLR1379F10K0K9	1379	±1%	10KΩ	5	±100ppm/℃	13W	361V
HVLR1379F20K0K9	1379	±1%	20KΩ	5	±100ppm/℃	13W	510V
HVLR1379F50K0K9	1379	±1%	50KΩ	5	±100ppm/℃	13W	806V
HVLR1379F100KK9	1379	±1%	100KΩ	5	±100ppm/℃	13W	1140V
HVLR1379F200KK9	1379	±1%	200KΩ	5	±100ppm/℃	13W	1612V
HVLR1379F500KK9	1379	±1%	500KΩ	5	±100ppm/℃	13W	2550V
HVLR1379F1M00K9	1379	±1%	1MΩ	5	±100ppm/℃	13W	3606V
HVLR1379F2M00K9	1379	±1%	2MΩ	5	±100ppm/℃	13W	5099V
HVLR1379F2M50K9	1379	±1%	2.5MΩ	5	±100ppm/℃	13W	5701V
HVLR1379F3M00K9	1379	±1%	3MΩ	5	±100ppm/℃	13W	6245V
HVLR1379F4M00K9	1379	±1%	4MΩ	5	±100ppm/℃	13W	7211V
HVLR1379F5M00K9	1379	±1%	5MΩ	5	±100ppm/℃	13W	8062V
HVLR1379F10M0K9	1379	±1%	10MΩ	5	±100ppm/℃	13W	11402V
HVLR1379F20M0K9	1379	±1%	20MΩ	5	±100ppm/℃	13W	16125V
HVLR1379F30M0K9	1379	±1%	30MΩ	5	±100ppm/℃	13W	19748V
HVLR1379F50M0K9	1379	±1%	50MΩ	5	±100ppm/℃	13W	25495V
HVLR1379F100MK9	1379	±1%	100MΩ	5	±100ppm/℃	13W	36056V
HVLR1379F200MK9	1379	±1%	200MΩ	5	±100ppm/℃	13W	45000V
HVLR1379F300MK9	1379	±1%	300MΩ	5	±100ppm/℃	13W	45000V
HVLR1379F500MK9	1379	±1%	500MΩ	5	±100ppm/℃	13W	45000V
HVLR1379F1G00K9	1379	±1%	1GΩ	5	±100ppm/℃	13W	45000V
HVLR1529J1K00K9	1529	±5%	1KΩ	5	±100ppm/℃	15W	122V
HVLR1529J2K00K9	1529	±5%	2KΩ	5	±100ppm/℃	15W	173V
HVLR1529J5K00K9	1529	±5%	5KΩ	5	±100ppm/℃	15W	274V
HVLR1529J10K0K9	1529	±5%	10KΩ	5	±100ppm/℃	15W	387V
HVLR1529J20K0K9	1529	±5%	20KΩ	5	±100ppm/℃	15W	548V
HVLR1529J50K0K9	1529	±5%	50KΩ	5	±100ppm/℃	15W	866V
HVLR1529J100KK9	1529	±5%	100KΩ	5	±100ppm/℃	15W	1225V
HVLR1529J200KK9	1529	±5%	200KΩ	5	±100ppm/℃	15W	1732V
HVLR1529J500KK9	1529	±5%	500KΩ	5	±100ppm/℃	15W	2739V
HVLR1529J1M00K9	1529	±5%	1MΩ	5	±100ppm/℃	15W	3873V
HVLR1529J2M00K9	1529	±5%	2MΩ	5	±100ppm/℃	15W	5477V
HVLR1529J2M50K9	1529	±5%	2.5MΩ	5	±100ppm/℃	15W	6124V
HVLR1529J3M00K9	1529	±5%	3MΩ	5	±100ppm/℃	15W	6708V
HVLR1529J4M00K9	1529	±5%	4MΩ	5	±100ppm/℃	15W	7746V
HVLR1529J5M00K9	1529	±5%	5MΩ	5	±100ppm/℃	15W	8660V
HVLR1529J10M0K9	1529	±5%	10MΩ	5	±100ppm/℃	15W	12247V
HVLR1529J20M0K9	1529	±5%	20MΩ	5	±100ppm/℃	15W	17321V
HVLR1529J30M0K9	1529	±5%	30MΩ	5	±100ppm/℃	15W	21213V
HVLR1529J50M0K9	1529	±5%	50MΩ	5	±100ppm/℃	15W	27386V
HVLR1529J100MK9	1529	±5%	100MΩ	5	±100ppm/℃	15W	38730V
HVLR1529J200MK9	1529	±5%	200MΩ	5	±100ppm/℃	15W	48000V
HVLR1529J300MK9	1529	±5%	300MΩ	5	±100ppm/℃	15W	48000V

Popular Part Numbers

Part Number	Size	Tolerance	Resistance	SPQ	TCR	Power	Max. Operating Voltage
HVLR1529J400MK9	1529	±5%	400MΩ	5	±100ppm/℃	15W	48000V
HVLR1529J500MK9	1529	±5%	500MΩ	5	±100ppm/℃	15W	48000V
HVLR1529J1G00K9	1529	±5%	1GΩ	5	±100ppm/℃	15W	48000V
HVLR1529F1K00K9	1529	±1%	1KΩ	5	±100ppm/℃	15W	122V
HVLR1529F2K00K9	1529	±1%	2KΩ	5	±100ppm/℃	15W	173V
HVLR1529F5K00K9	1529	±1%	5KΩ	5	±100ppm/℃	15W	274V
HVLR1529F10K0K9	1529	±1%	10KΩ	5	±100ppm/℃	15W	387V
HVLR1529F20K0K9	1529	±1%	20KΩ	5	±100ppm/℃	15W	548V
HVLR1529F50K0K9	1529	±1%	50KΩ	5	±100ppm/℃	15W	866V
HVLR1529F100KK9	1529	±1%	100KΩ	5	±100ppm/℃	15W	1225V
HVLR1529F200KK9	1529	±1%	200KΩ	5	±100ppm/℃	15W	1732V
HVLR1529F500KK9	1529	±1%	500KΩ	5	±100ppm/℃	15W	2739V
HVLR1529F1M00K9	1529	±1%	1MΩ	5	±100ppm/℃	15W	3873V
HVLR1529F2M00K9	1529	±1%	2MΩ	5	±100ppm/℃	15W	5477V
HVLR1529F2M50K9	1529	±1%	2.5MΩ	5	±100ppm/℃	15W	6124V
HVLR1529F3M00K9	1529	±1%	3MΩ	5	±100ppm/℃	15W	6708V
HVLR1529F4M00K9	1529	±1%	4MΩ	5	±100ppm/℃	15W	7746V
HVLR1529F5M00K9	1529	±1%	5MΩ	5	±100ppm/℃	15W	8660V
HVLR1529F10M0K9	1529	±1%	10MΩ	5	±100ppm/℃	15W	12247V
HVLR1529F20M0K9	1529	±1%	20MΩ	5	±100ppm/℃	15W	17321V
HVLR1529F30M0K9	1529	±1%	30MΩ	5	±100ppm/℃	15W	21213V
HVLR1529F50M0K9	1529	±1%	50MΩ	5	±100ppm/℃	15W	27386V
HVLR1529F100MK9	1529	±1%	100MΩ	5	±100ppm/℃	15W	38730V
HVLR1529F200MK9	1529	±1%	200MΩ	5	±100ppm/℃	15W	48000V
HVLR1529F300MK9	1529	±1%	300MΩ	5	±100ppm/℃	15W	48000V
HVLR1529F400MK9	1529	±1%	400MΩ	5	±100ppm/℃	15W	48000V
HVLR1529F500MK9	1529	±1%	500MΩ	5	±100ppm/℃	15W	48000V
HVLR1529F1G00K9	1529	±1%	1GΩ	5	±100ppm/℃	15W	48000V

Revision

Version	Revised Content	Date	Approver
V0	Initial Issue	2019.12.13	LWW
V1	Change datasheet to the new template	2023.9.17	LWW

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