

Lower Range High Voltage Chip Resistors

LHVC Series

Flammability

The resistor will not burn or emit incandescent particles under any condition of applied temperature or overload.

Solderability

95% min coverage (MIL-STD 202F / 208H, 235C 2 secs)

Mounting (nominal dimensions in mm)

Type	A	B	C
LHVC0603	0.7	0.7	1.0
LHVC0805	1.0	0.8	1.50
LHVC1206	2.0	1.0	1.75
LHVC2010	4.0	1.2	2.75
LHVC2512	5.3	1.2	3.5

Performance Data

	ΔR%	Maximum
Load at rated power (1000hrs cyclic load at 70°C)		±3
De-rating from rated power at 70°C		See Graph
Short term overload (6.25 x rated power for 5s)		±2
Temperature rapid change (-55 / +155°C, 5 cycles)		1% tolerance: ±0.5, 5% tolerance: ±1
Damp heat steady state		±3
Insulation resistance		>1000M

Packaging

The standard packing for LHVC0603, 0805 and 1206 is in 8mm wide paper tape, for LHVC2010 is in 12mm wide paper or plastic tape and for LHVC2512 is in 12mm wide plastic tape. This is wound on a reel of 178mm diameter.

Ordering Procedure

Example: LHVC0805-100KFT5 (0805, 100 kilohms ±1%, Pb-free)

L	H	V	C	0	8	0	5	-	1	0	0	K	F	T	5
1		2		3			4	5							

1	2	3	5	6			
Type	Size	Value	Tolerance	Packing			
LHVC	0603	E24 = 3/4 characters	F = ±1%	T5	Tape	0603 / 0805 / 1206	5000/reel
	0805	E96 = 3/4 characters	J = ±5%	T4		2010 / 2512	4000/reel
	1206	K = kilohms					
	2010	M = megohms					
	2512						

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

Mouser Electronics

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