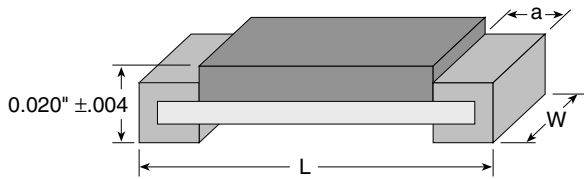


HVC Series

High Voltage Chip Resistors

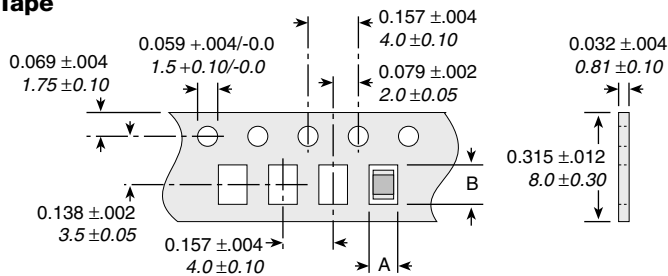


Series	Resistance Range	Power Rating (mW)	Voltage Rating	Dimensions (in.)		
				L ±0.006	W ±0.006	a ±0.01
HVC1206	1K-8G	300	1,500	0.120	0.060	0.020
HVC2010	1K-35G	500	2,000	0.200	0.100	0.020
HVC2510	1K-40G	600	2,500	0.250	0.100	0.020
HVC2512	1K-50G	700	3,000	0.250	0.120	0.020

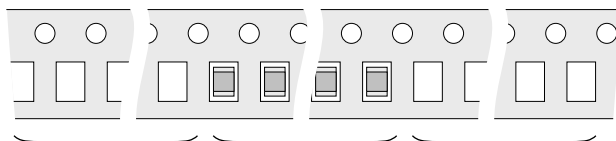
TAPE AND REEL SPECIFICATIONS

Per EIA Std. RS-481

Tape



DIRECTION OF FEED →



Trailer

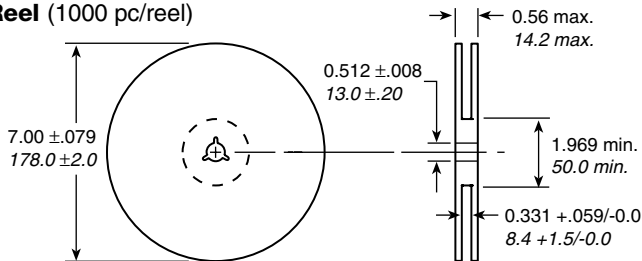
230mm min.–560mm max. May consist of carrier and/or cover tape followed by a minimum of 160mm of carrier with sealed cover tape

Components

Leader

Minimum of 40 empty component pockets sealed with cover tape

Reel (1000 pc/reel)



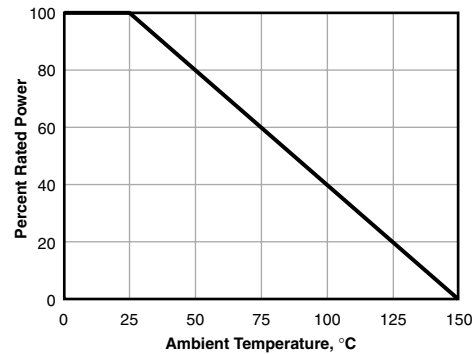
FEATURES

- High voltage up to 3,000 volts
- Industry standard sizes
- Working temperature range
–55°C to 150°C
- Designed for automatic insertion

SPECIFICATIONS

Resistance Range: Up to 50GΩ
Resistance Tolerance: ±1%, 2%, 5%, 10%
Temperature Coefficient: ±100ppm (-55°C to +125°C); consult factory for 50ppm

DERATING



PERFORMANCE DATA

Humidity	MIL-STD-202, Method 103B, Cond. B	±0.25%
Thermal Shock	MIL-STD-202, Method 107G, Cond. B, B-1, or F	±0.20%
Load Life	MIL-STD-202, Method 108A, Cond. D	±1.0%
Resistance to Solvents	MIL-STD-202, Method 215G	No degradation of coating
Shock (Specified Pulse)	MIL-STD-202, Method 213B, Cond. I	±0.25%
Vibration, High Freq.	MIL-STD-202, Method 204D, Cond. D	±0.20%
Power Conditioning	MIL-R-49462A, Par 4.8	±0.50%
Solderability	MIL-STD-202, Method 208F	>95% Coverage

ORDERING INFORMATION

HVC1206		Coating Glass std.	RoHS Compliant	Taping Code blank = bulk package T = tape & reel
4	1004	JET		
High Value Chip Series	Case Size	Ohms	Tolerance	
	1206	First 3 digits are significant; last digit specifies number of zeros to follow. Example: 1006 = 100MΩ	F = 1%*	* 1% & 2%
	2010		G = 2%*	Tolerance consult
	2510		J = 5%	factory on values over 1GΩ
	2512		K = 10%	