

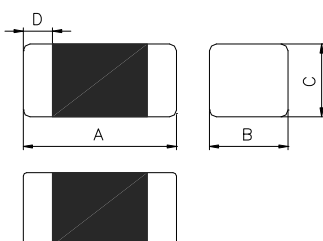
## Features

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. Suitable for reflow soldering.
4. Shapes and dimensions follow E.I.A. spec.
5. Available in various sizes.
6. Excellent solder ability and heat resistance.
7. High reliability. Reliability test meet AEC-Q200.
8. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
9. Low DC resistance structure of electrode to prevent wasteful electric power consumption.
10. Operating Temperature: -55~+150°C (Including self-temperature rise)



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## Dimensions



Chip Size	
A	1.60±0.15
B	0.80±0.15
C	0.80±0.15
D	0.30±0.20

Units: mm

## Part Numbering



A: Series	L x W
B: Dimension	Lead Free Material
C: Material	V=Vehicle
D: Category Code	121=120Ω
E: Impedance	T=Taping and Reel, B=Bulk(Bags)
F: Packaging	20=2000mA
G: Rated Current	

## Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB1608KV-300T30	30±25%	100	0.04	3000
HCB1608KV-800T30	80±25%	100	0.04	3000
HCB1608KV-121T20	120±25%	100	0.10	2000
HCB1608KV-221T20	220±25%	100	0.10	2000
HCB1608KV-301T10	300±25%	100	0.20	1000
HCB1608KV-471T10	470±25%	100	0.20	1000
HCB1608KV-601T10	600±25%	100	0.20	1000

## Impedance Frequency Characteristics(Typical)

