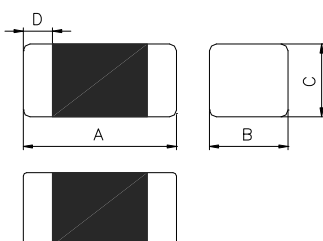


## Features

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)



## Dimensions



Chip Size	
A	2.00±0.20
B	1.25±0.20
C	0.85±0.20
D	0.50±0.30

Units: mm

## Part Numbering

<b>HCB</b>	<b>2012</b>	<b>K</b>	<b>V</b>	-	<b>121</b>	<b>T</b>	<b>20</b>
A	B	C	D		E	F	G

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

## Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB2012KV-300T30	30±25%	100	0.04	3000
HCB2012KV-800T30	80±25%	100	0.04	3000
HCB2012KV-121T20	120±25%	100	0.10	2000
HCB2012KV-151T20	150±25%	100	0.10	2000
HCB2012KV-221T20	220±25%	100	0.10	2000
HCB2012KV-301T10	300±25%	100	0.20	1000
HCB2012KV-601T10	600±25%	100	0.20	1000

## Impedance Frequency Characteristics(Typical)

