

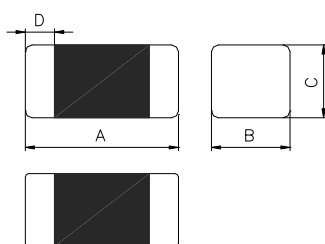
## 1. Features

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.
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~+125°C (Including self-temperature rise)



Certificate  
of  
Green Partner

## 2. Dimensions



Chip Size	
A	1.00±0.10
B	0.50±0.10
C	0.50±0.10
D	0.25±0.10

Units: mm

## 3. Part Numbering



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

## 4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB1005MF-100T25	10±25%	100	0.05	2500
HCB1005KF-121T20	120±25%	100	0.095	2000
HCB1005KF-221T15	220±25%	100	0.15	1500
HCB1005PF-330T30	33±25%	100	0.022	3000
HCB1005PF-600T25	60±25%	100	0.032	2500
HCB1005PF-800T23	80±25%	100	0.038	2300

- Rated current: based on temperature rise test
- In compliance with EIA 595

## Impedance Frequency Characteristics(Typical)

