

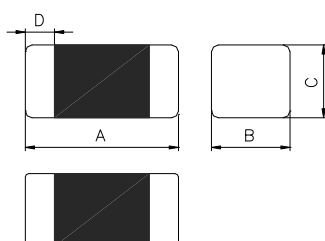
1. Features

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	2.00±0.20
B	1.25±0.20
C	0.85±0.20
D	0.50±0.30

Units: mm

3. Part Numbering



A: Series
 B: Dimension
 C: Material
 D: Impedance
 E: Packaging
 F: Rated Current

L x W
 Lead Free Material
 121=120Ω
 T=Taping and Reel, B=Bulk(Bags)
 20=2000mA

4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB2012KF-300T30	30±25%	100	0.04	3000
HCB2012KF-800T30	80±25%	100	0.04	3000
HCB2012KF-121T20	120±25%	100	0.10	2000
HCB2012KF-151T20	150±25%	100	0.10	2000
HCB2012KF-221T20	220±25%	100	0.10	2000
HCB2012KF-301T10	300±25%	100	0.20	1000
HCB2012KF-471T10	470±25%	100	0.20	1000
HCB2012KF-601T10	600±25%	100	0.20	1000

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

Impedance Frequency Characteristics(Typical)

