

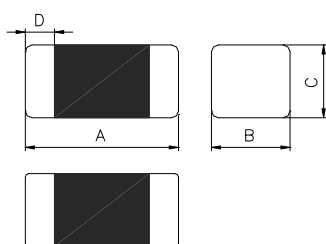
## 1. Features

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)



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of  
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## 2. Dimensions



Chip Size	
A	3.20±0.20
B	1.60±0.20
C	1.10±0.20
D	0.50±0.30

Units: mm

## 3. Part Numbering



A: Series  
 B: Dimension L x W  
 C: Material Lead Free Material  
 D: Impedance 300=30Ω  
 E: Packaging T=Taping and Reel, B=Bulk(Bags)  
 F: Rated Current 30=3000mA

## 4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB3216KF-300T30	30±25%	100	0.04	3000
HCB3216KF-500T30	50±25%	100	0.04	3000
HCB3216KF-800T30	80±25%	100	0.04	3000
HCB3216KF-121T20	120±25%	100	0.10	2000
HCB3216KF-151T20	150±25%	100	0.10	2000
HCB3216KF-301T10	300±25%	100	0.20	1000
HCB3216KF-471T10	470±25%	100	0.20	1000
HCB3216KF-501T30	500±25%	100	0.04	3000
HCB3216KF-601T20	600±25%	100	0.10	2000

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

## Impedance Frequency Characteristics(Typical)

