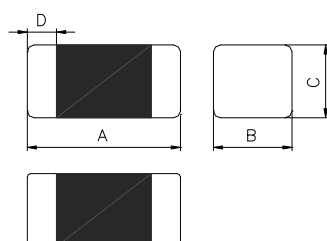


1. Features

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℃ (Including self-temperature rise)



2. Dimensions



Chip Size		
A	1.60±0.15	
B	0.80±0.15	
C	0.80±0.15	0.60±0.15
D	0.30±0.20	

Units: mm

3. Part Numbering

HCB	1608	KF	-	121	T	20
A	B	C		D	E	F

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	Thickness C size (mm)	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB1606ZF-260T60	0.60±0.15	26±25%	100	0.01	6000
HCB1608KF-300T30	0.80±0.15	30±25%	100	0.04	3000
HCB1608KF-800T30	0.80±0.15	80±25%	100	0.04	3000
HCB1608KF-121T20	0.80±0.15	120±25%	100	0.10	2000
HCB1608KF-151T20	0.80±0.15	150±25%	100	0.10	2000
HCB1608KF-221T20	0.80±0.15	220±25%	100	0.10	2000
HCB1608KF-301T10	0.80±0.15	300±25%	100	0.20	1000
HCB1608KF-471T10	0.80±0.15	470±25%	100	0.20	1000
HCB1608KF-601T10	0.80±0.15	600±25%	100	0.20	1000

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

Impedance Frequency Characteristics(Typical)

