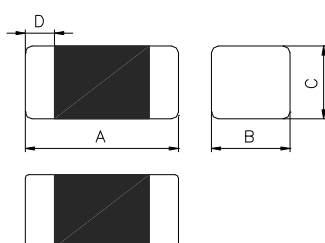


Features

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	1.00±0.10
B	0.50±0.10
C	0.50±0.10
D	0.25±0.10

Units: mm

Part Numbering

HCB	1005	K	V	-	121	T	20
A	B	C	D		E	F	G

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

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

Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB1005MV-100T25	10±25%	100	0.050	2500
HCB1005KV-121T20	120±25%	100	0.095	2000
HCB1005KV-221T15	220±25%	100	0.150	1500
HCB1005PV-330T30	33±25%	100	0.022	3000
HCB1005PV-600T25	60±25%	100	0.032	2500
HCB1005PV-800T23	80±25%	100	0.038	2300

Impedance Frequency Characteristics(Typical)

