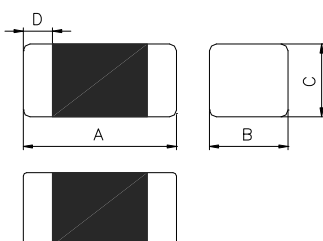


Features

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	3.20±0.20
B	1.60±0.20
C	1.10±0.20
D	0.50±0.30

Units: mm

Part Numbering

HCB	3216	K	V	-	121	T	20
A	B	C	D		E	F	G

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

Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB3216KV-300T30	30±25%	100	0.04	3000
HCB3216KV-500T30	50±25%	100	0.04	3000
HCB3216KV-800T30	80±25%	100	0.04	3000
HCB3216KV-121T20	120±25%	100	0.10	2000
HCB3216KV-151T20	150±25%	100	0.10	2000
HCB3216KV-301T10	300±25%	100	0.20	1000
HCB3216KV-471T10	470±25%	100	0.20	1000
HCB3216KV-501T30	500±25%	100	0.04	3000
HCB3216KV-601T20	600±25%	100	0.10	2000

Impedance Frequency Characteristics(Typical)

