

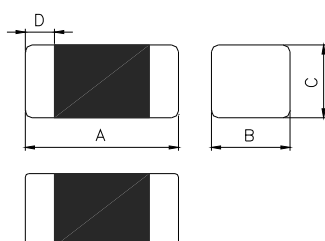
1.Features

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. Reliability test meet AEC-Q200.
8. 100% Lead(Pb)-Free & 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)

AEC-Q200



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

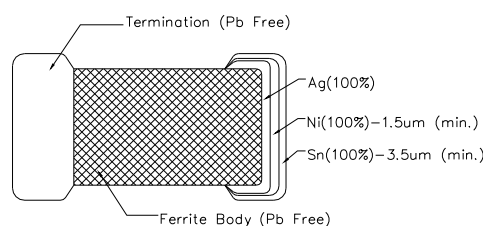
3.Part Numbering

TCBH 2012 KV - 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
 Anti-static packaging



4.Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
TCBH2012KV-300T30	30±25%	100	0.04	3000
TCBH2012KV-800T30	80±25%	100	0.04	3000
TCBH2012KV-101T40	100±25%	100	0.04	3000
TCBH2012KV-101T50	100±25%	100	0.02	5000
TCBH2012KV-121T20	120±25%	100	0.10	2000
TCBH2012KV-121T50	120±25%	100	0.02	5000
TCBH2012KV-151T20	150±25%	100	0.10	2000
TCBH2012KV-221T20	220±25%	100	0.10	2000
TCBH2012KV-221T30	220±25%	100	0.04	3000
TCBH2012KV-301T10	300±25%	100	0.20	1000

- Rated current: based on temperature rise test
- In compliance with EIA 595
- All test data referenced to 25°C ambient

Impedance Frequency Characteristics(Typical)

