

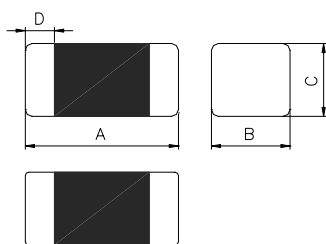
## 1.Features

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 solderability and heat resistance.
7. High reliability.
8. The products contain no lead and also support lead-free soldering.



Certificate  
GreenPartner

## 2. Dimensions



Chip Size				
Size	A(mm)	B(mm)	C(mm)	D(mm)
2016	2.0±0.2	1.6±0.2	1.6±0.2	0.5±0.3
3216	3.2±0.3	1.6±0.2	1.6±0.2	0.5±0.3
3225	3.2±0.3	2.5±0.3	2.5±0.3	0.5±0.3
4516	4.5±0.3	1.6±0.2	1.6±0.2	0.5±0.3
4525	4.5±0.4	2.5±0.3	2.5±0.3	0.9±0.6
4532	4.5±0.4	3.2±0.3	3.2±0.3	0.9±0.6

## 3. Part Numbering

WCB
3216
K
F
-
501
T
20

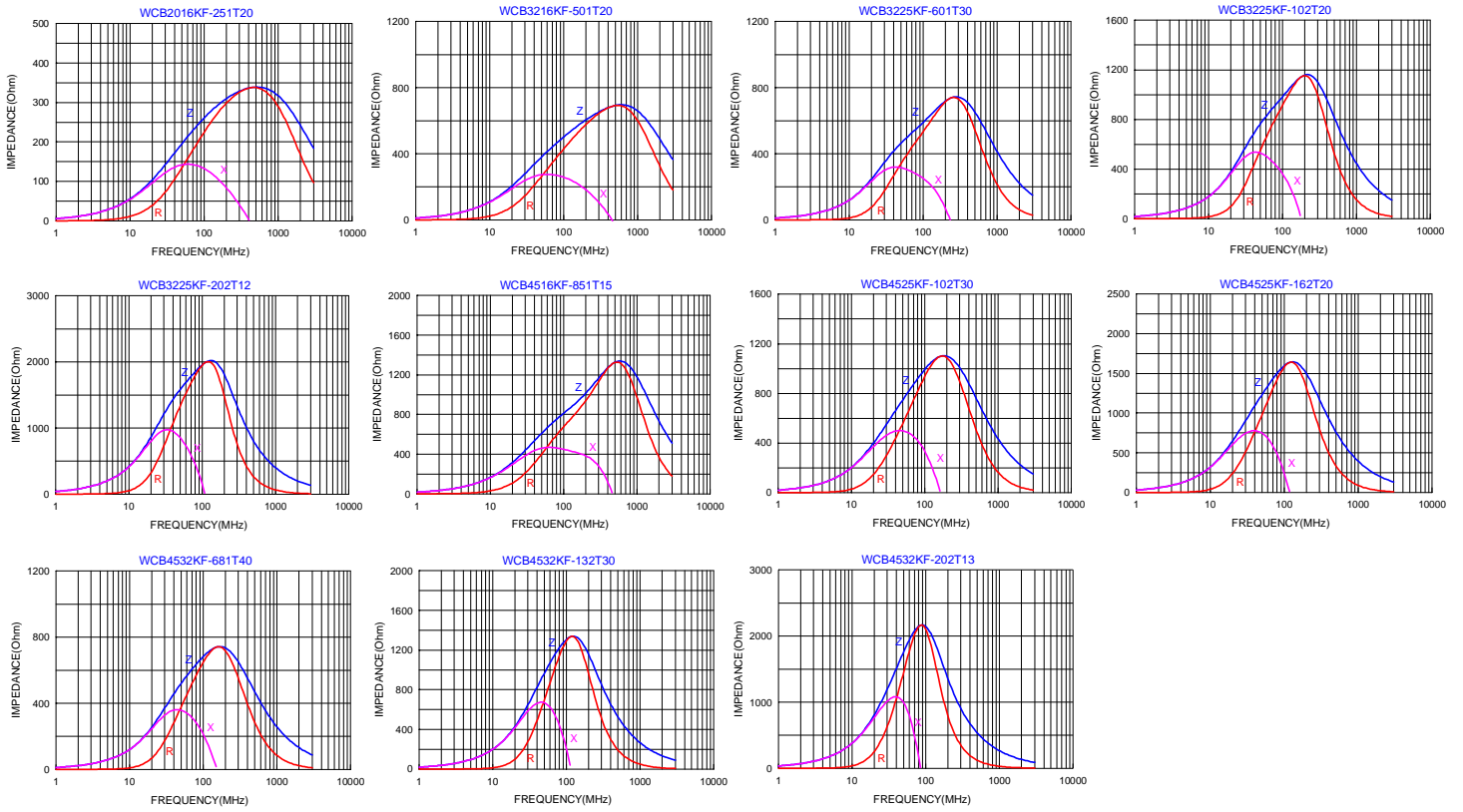
A      B      C      D      E      F      G

A: Series  
 B: Dimension                      L x W  
 C: Material  
 D: Lead Free Code  
 E: Impedance                      501=500  
 F: Packaging                        T=Taping and Reel, B=Bulk(Bags)  
 G: Rated Current                 20=2000mA

## 4.Specification

Tai-Tech Part Number	Impedance ( )	Test Frequency (MHz)	DC Resistance ( ) max.	Rated Current (mA) max.
WCB2016KF-251T20	250±30%	100	0.05	2000
WCB3216KF-501T20	500±30%	100	0.07	2000
WCB3225KF-601T30	600±30%	100	0.042	3000
WCB3225KF-102T20	1000±30%	100	0.10	2000
WCB3225KF-202T12	2000±30%	100	0.13	1200
WCB4516KF-851T15	850±30%	100	0.10	1500
WCB4525KF-102T30	1000±30%	100	0.06	3000
WCB4525KF-162T20	1600±30%	100	0.13	2000
WCB4532KF-681T40	680±25%	100	0.028	4000
WCB4532KF-132T30	1300±25%	100	0.06	3000
WCB4532KF-202T13	2000±25%	100	0.13	1300

Impedance-Frequency Characteristics



Impedance vs. DC Current

