

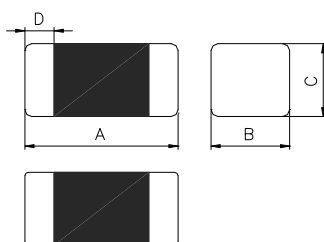
## 1. Features

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. S.M.T. type.
4. Suitable for reflow soldering.
5. Shapes and dimensions follow E.I.A. spec.
6. Available in various sizes.
7. Excellent solder ability and heat resistance.
8. High reliability.
9. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
10. Operating Temperature: -55~+125°C (Including self-temperature rise)



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of  
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## 2. 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

## 3. Part Numbering



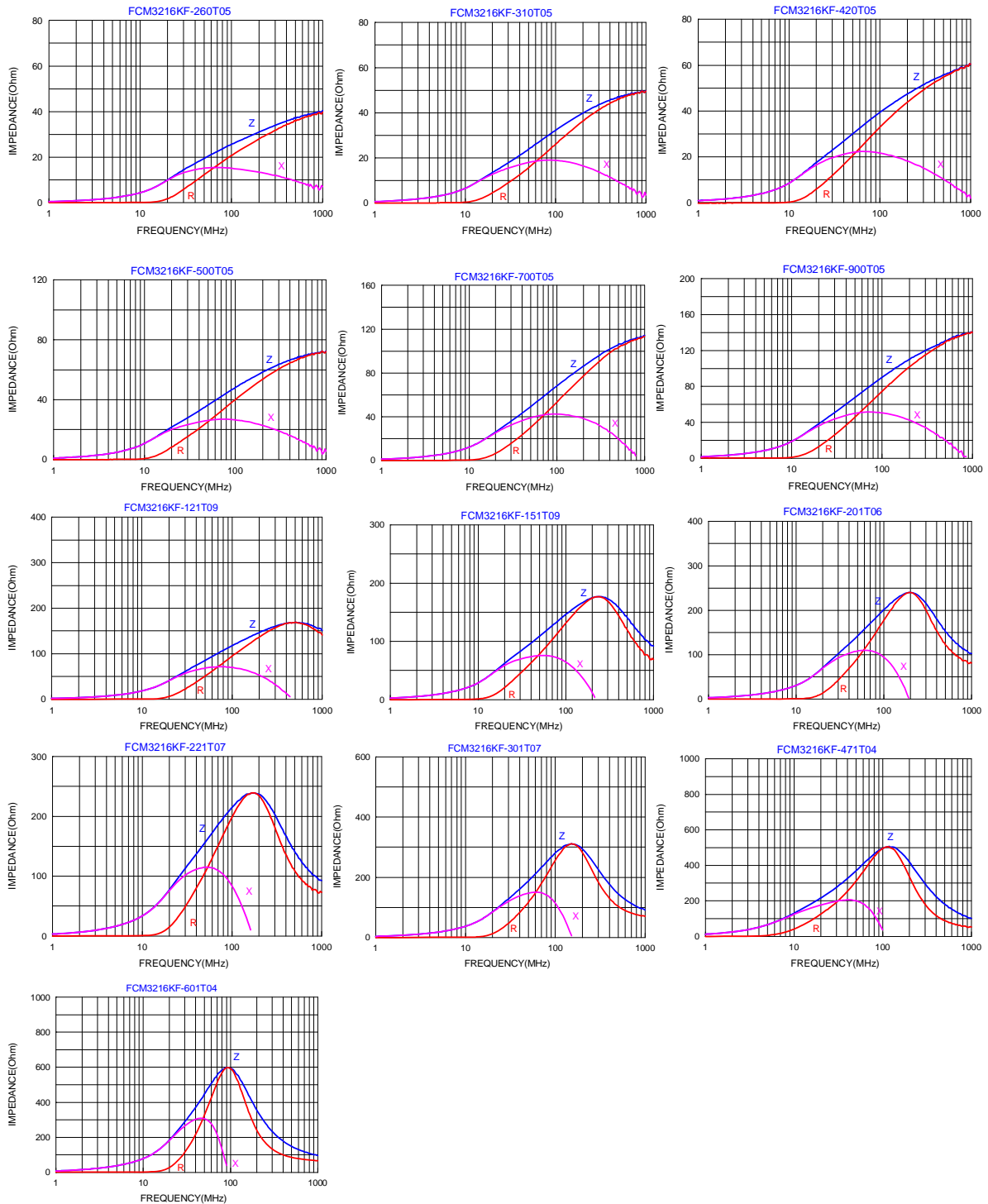
- A: Series  
 B: Dimension L x W  
 C: Material Lead Free Material  
 D: Impedance 121=120Ω  
 E: Packaging T=Taping and Reel, B=Bulk(Bags)  
 F: Rated Current 09=900mA

## 4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM3216KF-260T05	26±25%	100	0.20	500
FCM3216KF-310T05	31±25%	100	0.20	500
FCM3216KF-420T05	42±25%	100	0.20	500
FCM3216KF-500T05	50±25%	100	0.20	500
FCM3216KF-700T05	70±25%	100	0.20	500
FCM3216KF-900T05	90±25%	100	0.20	500
FCM3216KF-121T09	120±25%	100	0.15	900
FCM3216KF-151T09	150±25%	100	0.15	900
FCM3216KF-201T06	200±25%	100	0.35	600
FCM3216KF-221T07	220±25%	100	0.35	700
FCM3216KF-301T07	300±25%	100	0.35	700
FCM3216KF-471T04	470±25%	100	0.35	400
FCM3216KF-601T04	600±25%	100	0.40	400

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

## Impedance Frequency Characteristics(Typical)



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