

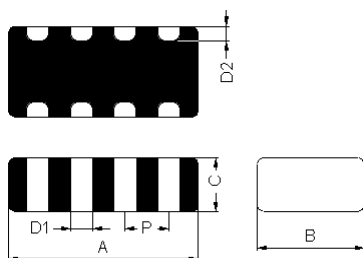
## 1. Features

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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## 2. Dimensions



Chip Size						
Size	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	P(mm)
3216	3.20±0.20	1.60±0.20	0.90±0.20	0.40±0.15	0.30±0.10	0.80±0.10

## 3. Part Numbering

FCA
3216
KF4
-
300
T
05

A            B            C            D            E            F

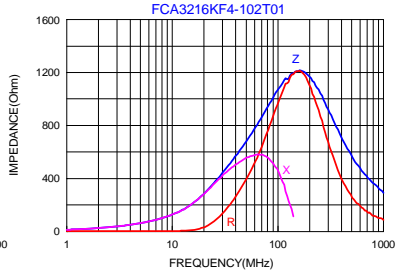
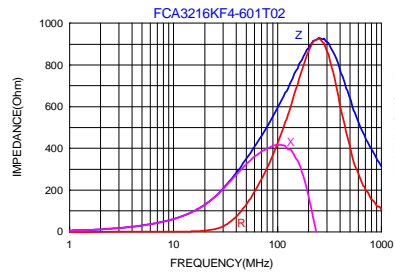
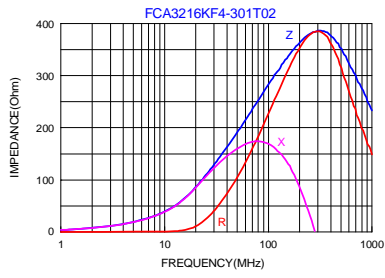
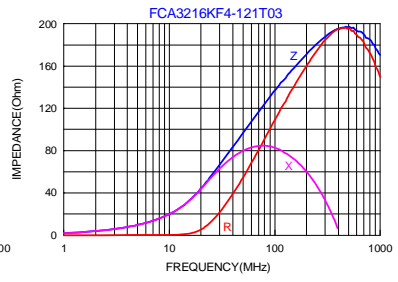
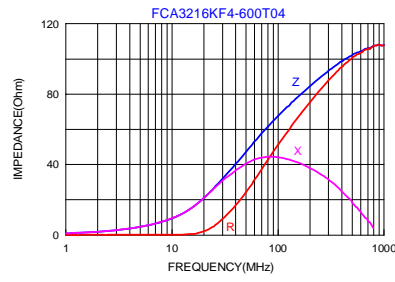
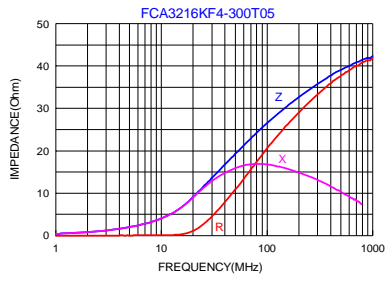
- A: Series  
 B: Dimension        L x W  
 C: Material            Lead Free Material  
 D: Impedance        300=30Ω  
 E: Packaging          T=Taping and Reel , B=Bulk(Bags)  
 F: Rated Current     05=500mA

## 4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCA3216KF4-300T05	30±25%	100	0.20	500
FCA3216KF4-600T04	60±25%	100	0.25	400
FCA3216KF4-121T03	120±25%	100	0.30	350
FCA3216KF4-301T02	300±25%	100	0.40	250
FCA3216KF4-601T02	600±25%	100	0.50	200
FCA3216KF4-102T01	1000±25%	100	0.75	150

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

## Impedance Frequency Characteristics(Typical)



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