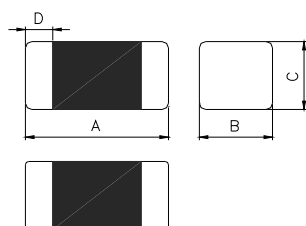


1. Features

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)

2. Dimensions



Chip size				
Size	A(mm)	B(mm)	C(mm)	D(mm)
1005	1.0±0.10	0.50±0.10	0.50±0.10	0.25±0.10
1608	1.6±0.15	0.80±0.15	0.80±0.15	0.30±0.20
2012	2.0±0.20	1.25±0.20	0.85±0.20	0.50±0.30
3216	3.2±0.20	1.60±0.20	1.10±0.20	0.50±0.30

3. Part Numbering

FCM
1005
KF
-
121
T
01

A B C D E F

A: Series
 B: Dimension
 C: Material Lead Free Material
 D: Impedance 121=120Ω
 E: Packaging T=Taping and Reel, B=Bulk(Bags)
 F: Rated Current 01=100mA

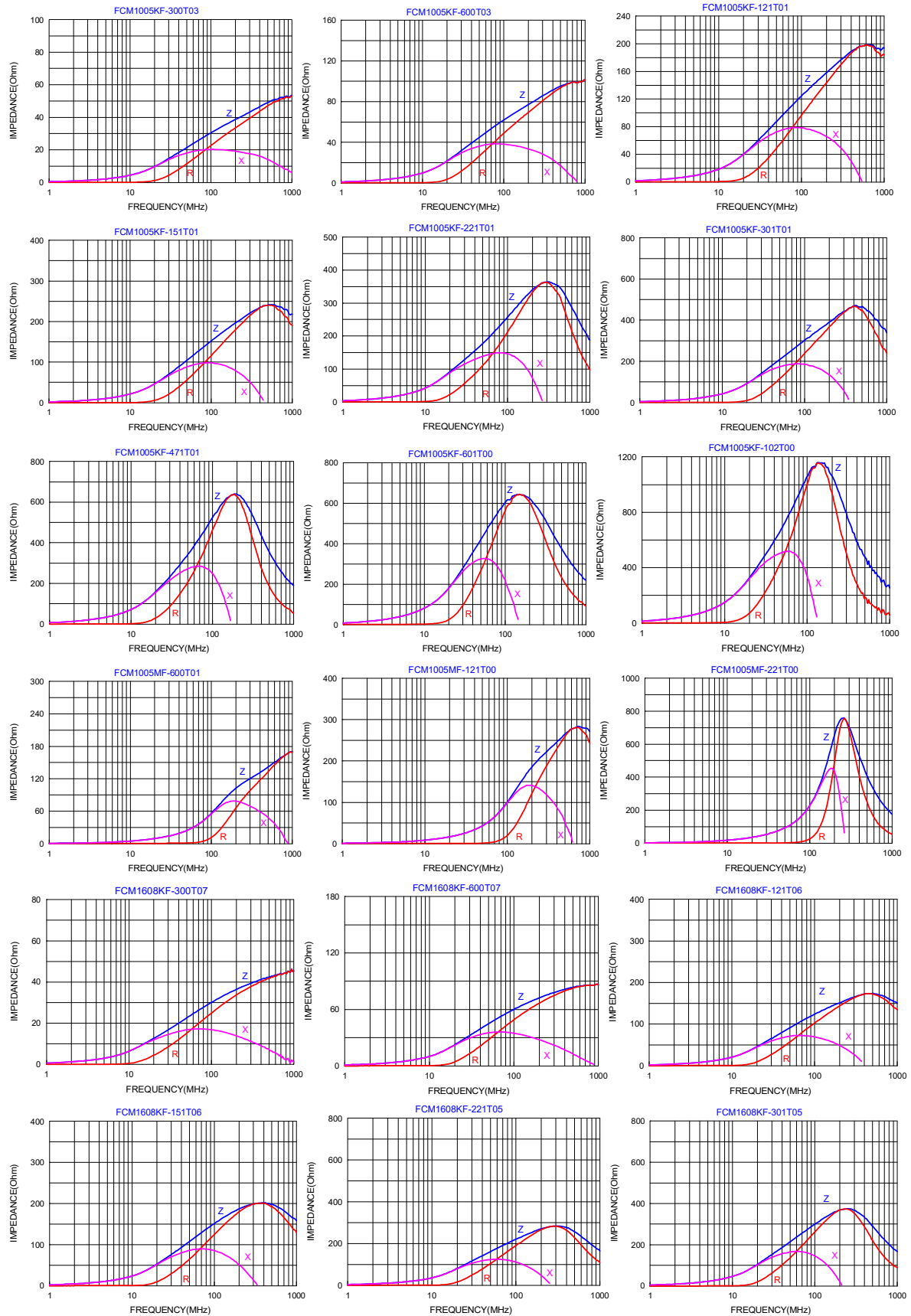
4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM1005KF-300T03	30±25%	100	0.20	300
FCM1005KF-600T03	60±25%	100	0.25	300
FCM1005KF-121T01	120±25%	100	0.30	100
FCM1005KF-151T01	150±25%	100	0.30	100
FCM1005KF-221T01	220±25%	100	0.40	100
FCM1005KF-301T01	300±25%	100	0.50	100
FCM1005KF-471T01	470±25%	100	0.65	100
FCM1005KF-601T00	600±25%	100	0.80	80
FCM1005KF-102T00	1000±25%	100	1.20	50
FCM1005MF-600T01	60±25%	100	0.30	100
FCM1005MF-121T00	120±25%	100	0.45	80
FCM1005MF-221T00	220±25%	100	0.60	50

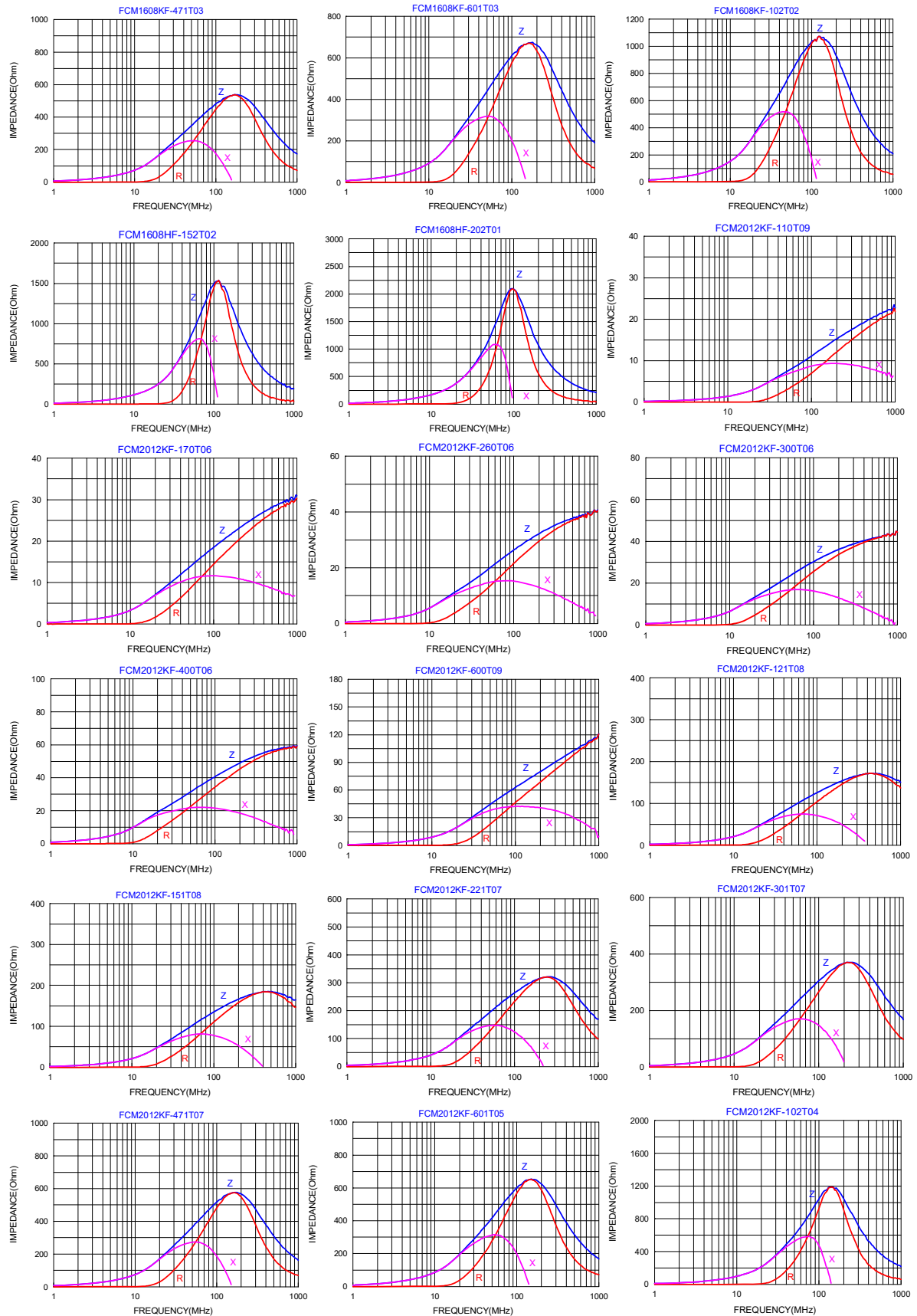
Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM1608KF-300T07	30 $\pm$ 25%	100	0.20	700
FCM1608KF-600T07	60 $\pm$ 25%	100	0.20	700
FCM1608KF-121T06	120 $\pm$ 25%	100	0.25	600
FCM1608KF-151T06	150 $\pm$ 25%	100	0.25	600
FCM1608KF-221T05	220 $\pm$ 25%	100	0.30	550
FCM1608KF-301T05	300 $\pm$ 25%	100	0.35	500
FCM1608KF-471T03	470 $\pm$ 25%	100	0.45	350
FCM1608KF-601T03	600 $\pm$ 25%	100	0.50	350
FCM1608KF-102T02	1000 $\pm$ 25%	100	0.70	200
FCM1608HF-152T02	1500 $\pm$ 25%	100	1.00	200
FCM1608HF-202T01	2000 $\pm$ 25%	100	1.20	150
FCM2012KF-110T09	11 $\pm$ 25%	100	0.10	900
FCM2012KF-170T06	17 $\pm$ 25%	100	0.10	600
FCM2012KF-260T06	26 $\pm$ 25%	100	0.10	600
FCM2012KF-300T06	30 $\pm$ 25%	100	0.10	600
FCM2012KF-400T06	40 $\pm$ 25%	100	0.10	600
FCM2012KF-600T09	60 $\pm$ 25%	100	0.10	900
FCM2012KF-121T08	120 $\pm$ 25%	100	0.20	800
FCM2012KF-151T08	150 $\pm$ 25%	100	0.20	800
FCM2012KF-221T07	220 $\pm$ 25%	100	0.30	750
FCM2012KF-301T07	300 $\pm$ 25%	100	0.30	700
FCM2012KF-471T07	470 $\pm$ 25%	100	0.35	700
FCM2012KF-601T05	600 $\pm$ 25%	100	0.40	500
FCM2012KF-102T04	1000 $\pm$ 25%	100	0.45	400
FCM2012HF-152T03	1500 $\pm$ 25%	100	0.50	350
FCM2012HF-202T02	2000 $\pm$ 25%	100	0.60	250
FCM3216KF-260T05	26 $\pm$ 25%	100	0.20	500
FCM3216KF-310T05	31 $\pm$ 25%	100	0.20	500
FCM3216KF-420T05	42 $\pm$ 25%	100	0.20	500
FCM3216KF-500T05	50 $\pm$ 25%	100	0.20	500
FCM3216KF-700T05	70 $\pm$ 25%	100	0.20	500
FCM3216KF-900T05	90 $\pm$ 25%	100	0.20	500
FCM3216KF-121T09	120 $\pm$ 25%	100	0.15	900
FCM3216KF-151T09	150 $\pm$ 25%	100	0.15	900
FCM3216KF-221T07	220 $\pm$ 25%	100	0.35	700
FCM3216KF-301T07	300 $\pm$ 25%	100	0.35	700
FCM3216KF-471T04	470 $\pm$ 25%	100	0.35	400
FCM3216KF-601T04	600 $\pm$ 25%	100	0.40	400

Note: sample quantity:15pcs

Impedance Frequency Characteristics(Typical)



Impedance Frequency Characteristics(Typical)



Impedance Frequency Characteristics(Typical)

