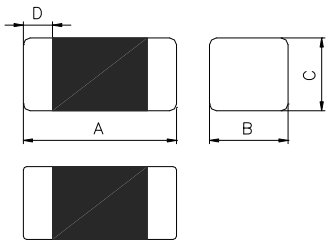
Ferrite Chip Bead(Lead Free)

FCM1608-Series

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 solderability and heat resistance.
8. High reliability.
9. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
10. Operating Temperature:-55~+125℃(Including self-temperature rise)

2. Dimensions



Chip Size	
A	1.60±0.15
B	0.80±0.15
C	0.80±0.15
D	0.30±0.20

Units: mm

3. Part Numbering

FCM	1608	KF	-	600	T	07
A	B	C		D	E	F

A: Series
B: Dimension L x W
C: Material Lead Free Material
D: Impedance 600=60Ω
E: Packaging T=Taping and Reel, B=Bulk(Bags)
F: Rated Current 07=700mA

4. Specification

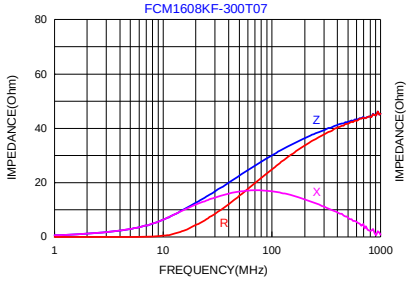
Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM1608KF-300T07	30±25%	100	0.20	700
FCM1608KF-600T07	60±25%	100	0.20	700
FCM1608KF-121T06	120±25%	100	0.25	600
FCM1608KF-151T06	150±25%	100	0.25	600
FCM1608KF-221T05	220±25%	100	0.30	550
FCM1608KF-301T05	300±25%	100	0.35	500
FCM1608KF-471T03	470±25%	100	0.45	350
FCM1608KF-601T03	600±25%	100	0.50	350
FCM1608KF-102T02	1000±25%	100	0.70	200
FCM1608HF-152T02	1500±25%	100	1.00	200
FCM1608HF-202T01	2000±25%	100	1.20	150

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM1608CF-100T07	10±25%	100	0.20	700
FCM1608CF-300T06	30±25%	100	0.25	600
FCM1608CF-600T06	60±25%	100	0.30	600
FCM1608CF-121T03	120±25%	100	0.40	300
FCM1608CF-151T03	150±25%	100	0.40	300
FCM1608CF-221T02	220±25%	100	0.60	250
FCM1608CF-301T02	300±25%	100	0.80	200
FCM1608CF-471T02	470±25%	100	0.85	200
FCM1608CF-601T01	600±25%	100	1.20	150
FCM1608CF-102T00	1000±25%	100	1.50	80

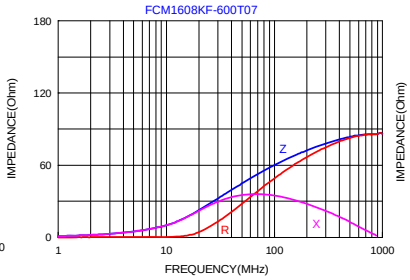
- Rated current: based on temperature rise test
- In compliance with EIA 595

Impedance Frequency Characteristics(Typical)

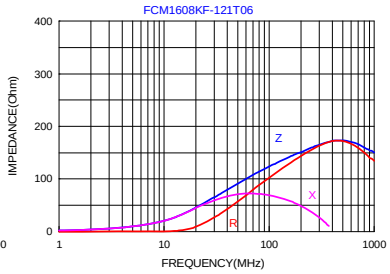
FCM1608KF-300T07



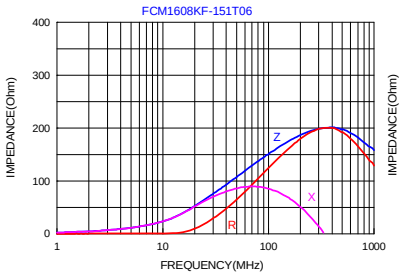
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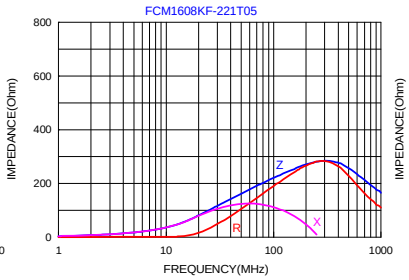
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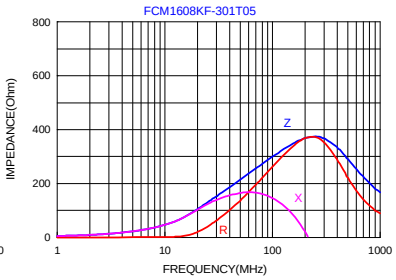
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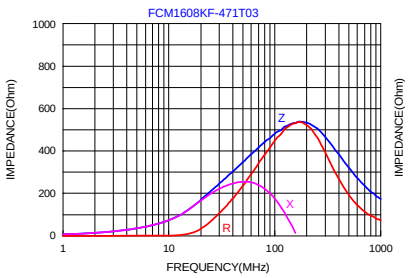
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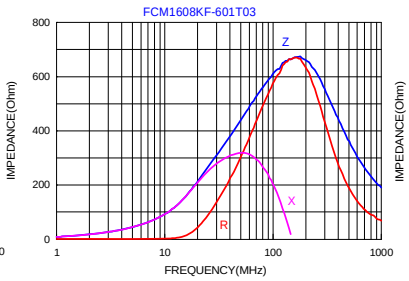
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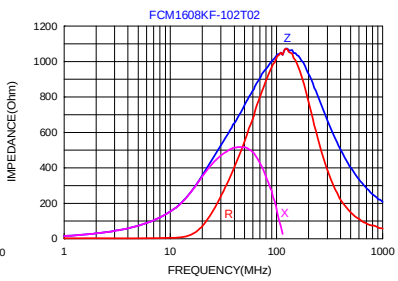
FCM1608KF-471T03



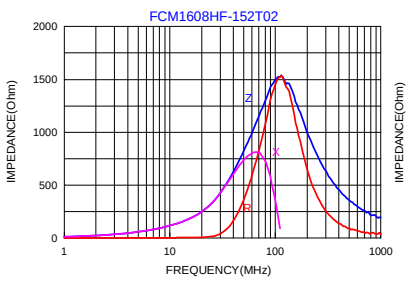
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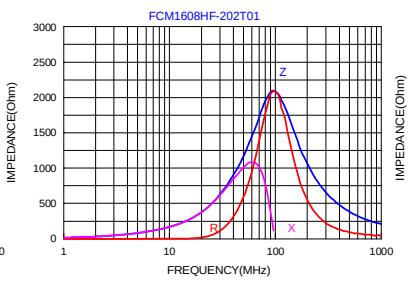
FCM1608KF-102T02



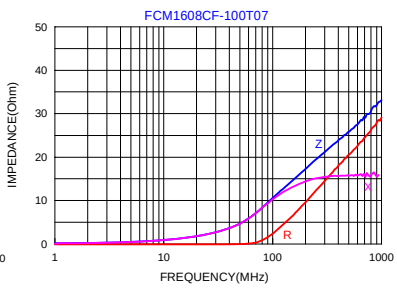
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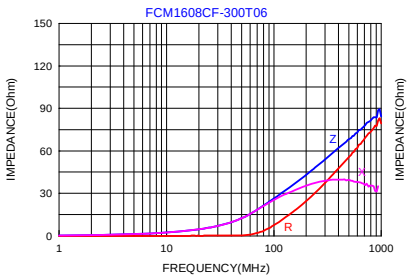
FCM1608HF-202T01



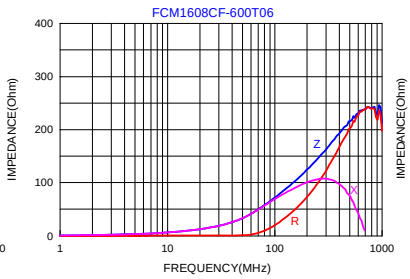
FCM1608CF-100T07



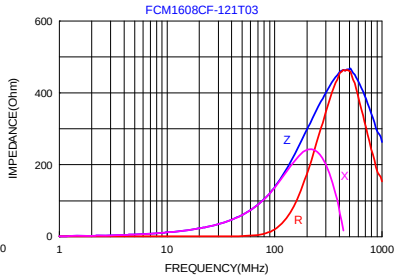
FCM1608CF-300T06



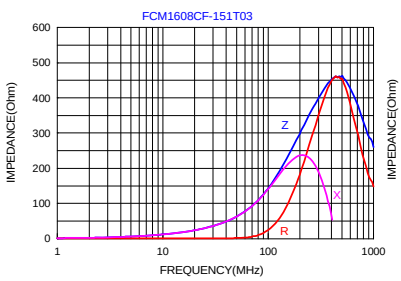
FCM1608CF-600T06



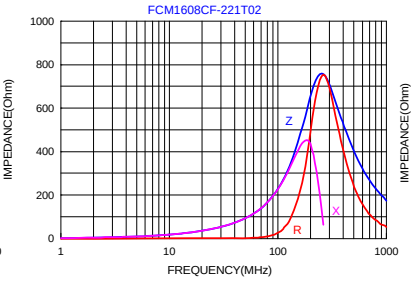
FCM1608CF-121T03



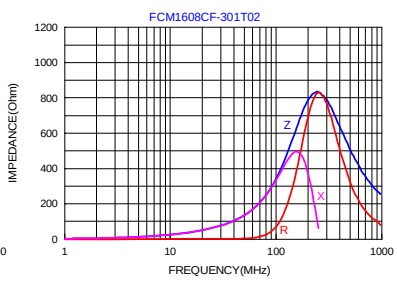
FCM1608CF-151T03



FCM1608CF-221T02



FCM1608CF-301T02



Impedance Frequency Characteristics(Typical)

