



Ferrite Chip Bead(Lead Free)

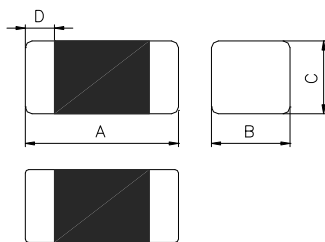
GCM2012-Series

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°C (Including self-temperature rise)



2. Dimensions



Chip Size		
A	2.00±0.20	
B	1.25±0.20	
C	0.85±0.20	1.25±0.20
D	0.50±0.30	

Units: mm

3. Part Numbering

GCM	2012	KF	-	121	T	08
A	B	C		D	E	F

A: Series
 B: Dimension
 C: Material
 D: Impedance
 E: Packaging
 F: Rated Current

L x W
 Lead Free Material
 121=120Ω
 T=Taping and Reel, B=Bulk(Bags)
 08=800mA

4. Specification

Part Number	Thickness C size (mm)	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
GCM2012KF-110T09	0.85±0.20	11±25%	100	0.10	900
GCM2012KF-170T06	0.85±0.20	17±25%	100	0.10	600
GCM2012KF-260T06	0.85±0.20	26±25%	100	0.10	600
GCM2012KF-300T06	0.85±0.20	30±25%	100	0.10	600
GCM2012KF-400T06	0.85±0.20	40±25%	100	0.10	600
GCM2012KF-600T09	0.85±0.20	60±25%	100	0.10	900
GCM2012KF-121T08	0.85±0.20	120±25%	100	0.20	800
GCM2012KF-151T08	0.85±0.20	150±25%	100	0.20	800
GCM2012KF-221T07	0.85±0.20	220±25%	100	0.30	750
GCM2012KF-301T07	0.85±0.20	300±25%	100	0.30	700
GCM2012KF-471T07	0.85±0.20	470±25%	100	0.35	700
GCM2012KF-601T05	0.85±0.20	600±25%	100	0.40	500
GCM2012KF-102T04	0.85±0.20	1000±25%	100	0.45	400

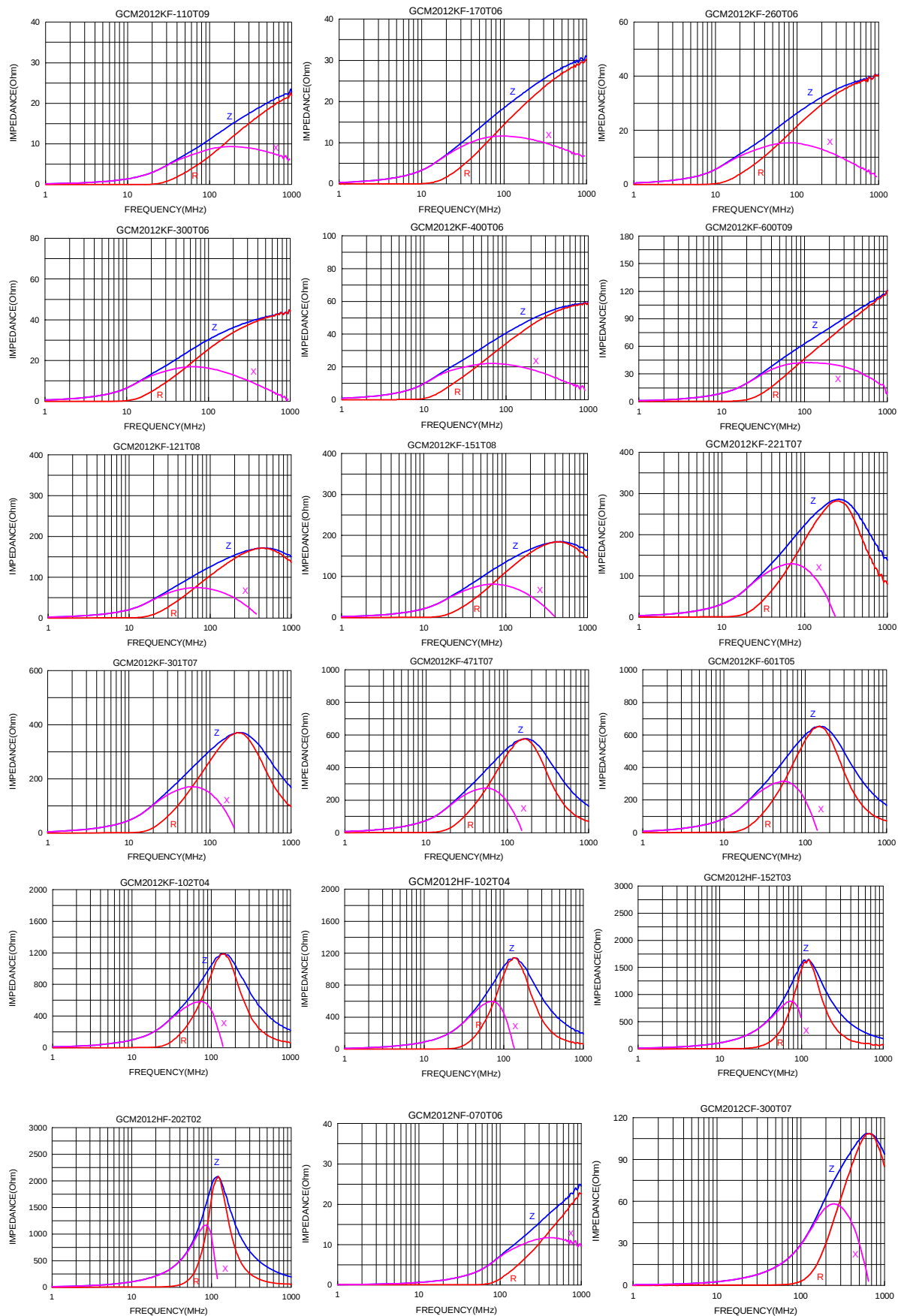


Part Number	Thickness C size (mm)	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
GCM2012HF-102T04	0.85±0.20	1000±25%	100	0.45	400
GCM2012HF-152T03	0.85±0.20	1500±25%	100	0.50	350
GCM2012HF-202T02	0.85±0.20	2000±25%	100	0.60	250
GCM2012NF-070T06	0.85±0.20	7±25%	100	0.10	600
GCM2012CF-300T07	0.85±0.20	30±25%	100	0.20	700
GCM2012CF-600T07	0.85±0.20	60±25%	100	0.20	700
GCM2012CF-121T06	0.85±0.20	120±25%	100	0.25	600
GCM2012CF-151T06	0.85±0.20	150±25%	100	0.25	600
GCM2012CF-221T04	0.85±0.20	220±25%	100	0.30	400
GCM2012CF-301T04	0.85±0.20	300±25%	100	0.35	400
GCM2012CF-471T04	1.25±0.20	470±25%	100	0.40	400
GCM2012CF-601T03	1.25±0.20	600±25%	100	0.45	300
GCM2012CF-102T02	1.25±0.20	1000±25%	100	0.50	200

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



Impedance Frequency Characteristics(Typical)





Impedance Frequency Characteristics(Typical)

