



Ferrite Chip Bead(Lead Free)

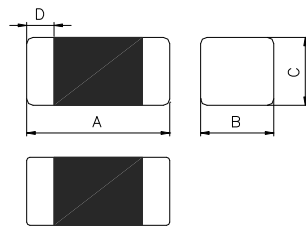
GCM0402-Series

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 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	
A	0.40±0.02
B	0.20±0.02
C	0.20±0.02
D	0.10+0.04/-0.03

Units: mm

3. Part Numbering

GCM **0402** **HF** - **121** **T** **02**

A: Series
B: Dimension L x W
C: Material Lead Free Material
D: Impedance 121=120Ω
E: Packaging T=Taping and Reel
F: Rated Current

4. Specification

Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
GCM0402WF-100T05	10±5 ohm	100	0.10	540
GCM0402WF-700T02	70±25%	100	0.37	280
GCM0402WF-121T02	120±25%	100	0.53	240
GCM0402HF-750T02	75±25%	100	0.45	260
GCM0402HF-121T02	120±25%	100	0.60	220

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

Impedance Frequency Characteristics(Typical)

