



High Current Ferrite Chip Bead(Lead Free)

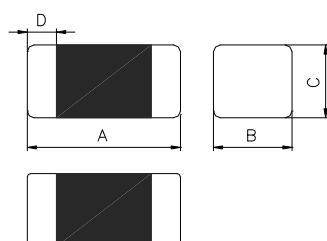
GCB0603WF-Series

1. Features

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. Suitable for reflow soldering.
4. Shapes and dimensions follow E.I.A. spec.
5. Available in various sizes.
6. Excellent solder ability and heat resistance.
7. High reliability.
8. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
9. Low DC resistance structure of electrode to prevent wasteful electric power consumption.
10. Operating Temperature: -55~+125°C (Including self-temperature rise)



2. Dimensions



Chip Size	
A	0.60±0.03
B	0.30±0.03
C	0.30±0.03
D	0.15±0.05

Units: mm

3. Part Numbering

GCB	0603	WF	-	220	T	10
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
 220=22Ω
 T=Taping and Reel, B=Bulk(Bags)
 10=1000mA

4. Specification

Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
GCB0603WF-100T13	10±25%	100	0.03	1300
GCB0603WF-220T10	22±25%	100	0.065	1000
GCB0603WF-330T10	33±25%	100	0.07	1000
GCB0603WF-800T10	80±25%	100	0.12	1000
GCB0603WF-121T08	120±25%	100	0.15	850

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



Impedance Frequency Characteristics(Typical)

