



High Current Ferrite Chip Bead(Lead Free)

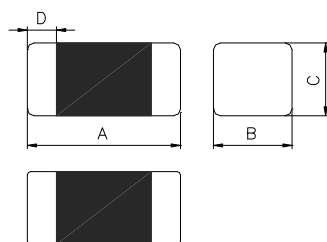
GCB4532-Series

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	4.50±0.20
B	3.20±0.20
C	1.50±0.20
D	0.50±0.30

Units: mm

3. Part Numbering

GCB	4532	KF	-	131	T	30
A	B	C		D	E	F

A: Series
 B: Dimension L x W
 C: Material Lead Free Material
 D: Impedance 131=130Ω
 E: Packaging T=Taping and Reel, B=Bulk(Bags)
 F: Rated Current 30=3000mA

4. Specification

Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
GCB4532KF-800T60	80±25%	100	0.01	6000
GCB4532KF-121T50	120±25%	100	0.02	5000
GCB4532KF-131T30	130±25%	100	0.04	3000
GCB4532KF-151T50	150±25%	100	0.02	5000
GCB4532MF-681T40	680±25%	100	0.03	4000
GCB4532MF-132T30	1300±25%	100	0.06	3000

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



Impedance Frequency Characteristics(Typical)

