



High Current Ferrite Chip Bead(Lead Free)

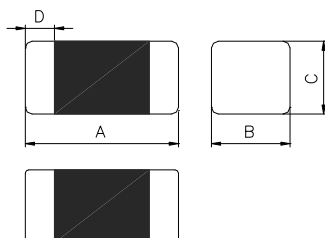
GCB4516KF-Series

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	1.60±0.20
C	1.60±0.20
D	0.50±0.30

Units: mm

3. Part Numbering

GCB	4516	KF	-	600	T	60
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 60=6000mA

4. Specification

Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
GCB4516KF-600T60	60±25%	100	0.01	6000
GCB4516KF-800T30	80±25%	100	0.04	3000

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

Impedance Frequency Characteristics(Typical)

