



Ferrite Chip Bead(Lead Free)

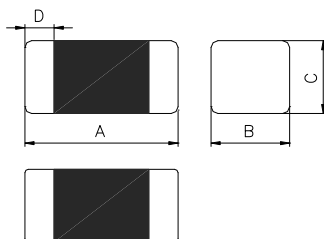
GCM3216KF-Series

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	3.20±0.20
B	1.60±0.20
C	1.10±0.20
D	0.50±0.30

Units: mm

3. Part Numbering

GCM	3216	KF	-	121	T	09
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)
 09=900mA

4. Specification

Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
GCM3216KF-260T05	26±25%	100	0.20	500
GCM3216KF-310T05	31±25%	100	0.20	500
GCM3216KF-420T05	42±25%	100	0.20	500
GCM3216KF-500T05	50±25%	100	0.20	500
GCM3216KF-700T05	70±25%	100	0.20	500
GCM3216KF-900T05	90±25%	100	0.20	500
GCM3216KF-121T09	120±25%	100	0.15	900
GCM3216KF-151T09	150±25%	100	0.15	900
GCM3216KF-201T06	200±25%	100	0.35	600
GCM3216KF-221T07	220±25%	100	0.35	700
GCM3216KF-301T07	300±25%	100	0.35	700
GCM3216KF-471T04	470±25%	100	0.35	400
GCM3216KF-601T04	600±25%	100	0.40	400

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



Impedance Frequency Characteristics(Typical)

