

Ferrite Chip Bead(Lead Free)

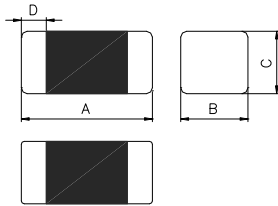
FCM1005-Series

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	1.00±0.10
B	0.50±0.10
C	0.50±0.10
D	0.25±0.10

Units: mm

3. Part Numbering

FCM	1005	KF	-	121	T	01
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)
 01=100mA

4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM1005KF-300T03	30±25%	100	0.20	300
FCM1005KF-600T03	60±25%	100	0.25	300
FCM1005KF-121T01	120±25%	100	0.30	100
FCM1005KF-151T01	150±25%	100	0.30	100
FCM1005KF-221T01	220±25%	100	0.40	100
FCM1005KF-301T01	300±25%	100	0.50	100
FCM1005KF-471T01	470±25%	100	0.65	100
FCM1005KF-601T00	600±25%	100	0.80	80
FCM1005KF-102T00	1000±25%	100	1.20	50
FCM1005MF-600T01	60±25%	100	0.30	100
FCM1005MF-121T00	120±25%	100	0.45	80
FCM1005MF-221T00	220±25%	100	0.60	50
FCM1005MF-301T00	300±25%	100	0.75	50

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

Impedance Frequency Characteristics(Typical)

