

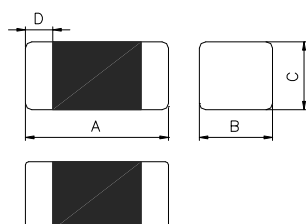
## 1. Features

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)



Certificate  
of  
Green Partner

## 2. Dimensions



Chip Size	
A	0.40±0.02
B	0.20±0.02
C	0.20±0.02
D	0.10+0.04/-0.03

Units: mm

## 3. Part Numbering

FCM
0402
HF
-
121
T
02

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

## 4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM0402WF-100T05	10±5 ohm	100	0.10	540
FCM0402WF-700T02	70±25%	100	0.37	280
FCM0402WF-121T02	120±25%	100	0.53	240
FCM0402HF-750T02	75±25%	100	0.45	260
FCM0402HF-121T02	120±25%	100	0.60	220

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

## Impedance Frequency Characteristics(Typical)

