

Ferrite Chip Bead(Lead Free)

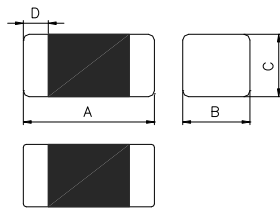
MB15-Series

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)



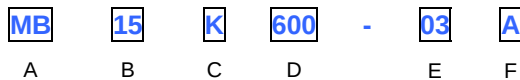
2. Dimensions



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



A: Series

B: Dimension

C: Material

D: Impedance

E: Rated Current

F: Category Code

Lead Free Material

600=60 Ω

03=300mA

4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
MB15K300-03A	30±25%	100	0.20	300
MB15K600-03A	60±25%	100	0.20	300
MB15K121-01A	120±25%	100	0.30	100
MB15K221-01A	220±25%	100	0.40	100
MB15K301-01A	300±25%	100	0.50	100
MB15K601-00A	600±25%	100	0.80	80
MB15K102-00A	1000±25%	100	1.20	50

● Rated current: based on temperature rise test

● In compliance with EIA 595

Impedance Frequency Characteristics(Typical)

