

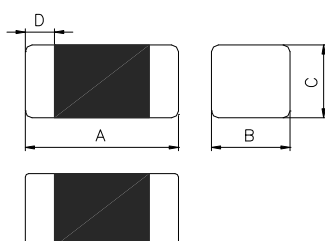
1. Features

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 solderability 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
Green Partner

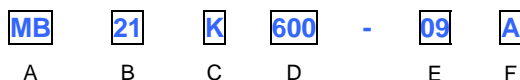
2. Dimensions



| Chip Size | |
|-----------|-----------|
| A | 2.00±0.20 |
| B | 1.25±0.20 |
| C | 0.85±0.20 |
| D | 0.50±0.30 |

Units: mm

3. Part Numbering



A: Series
B: Dimension
C: Material
D: Impedance
E: Rated Current
F: Category Code

Lead Free Material
600=60Ω
09=900mA

4. Specification

| Tai-Tech Part Number | Impedance (Ω) | Test Frequency (MHz) | DC Resistance (Ω) max. | Rated Current (mA) max. |
|----------------------|---------------|----------------------|------------------------|-------------------------|
| MB21K300-06A | 30±25% | 100 | 0.10 | 600 |
| MB21K600-09A | 60±25% | 100 | 0.10 | 900 |
| MB21K121-08A | 120±25% | 100 | 0.20 | 800 |
| MB21K221-07A | 220±25% | 100 | 0.30 | 750 |
| MB21K301-07A | 300±25% | 100 | 0.30 | 700 |
| MB21K601-05A | 600±25% | 100 | 0.40 | 500 |
| MB21K102-04A | 1000±25% | 100 | 0.45 | 400 |

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

Impedance Frequency Characteristics(Typical)

