

High Current Ferrite Chip Bead(Lead Free)

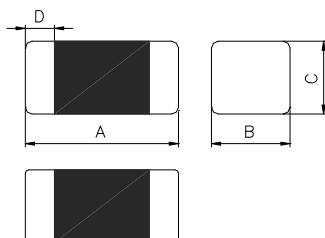
MBP41-Series

1. Features

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. Suitable for reflow soldering.
4. Shapes and dimensions follow E.I.A. spec.
5. Available in various sizes.
6. Excellent solder ability and heat resistance.
7. High reliability.
8. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
9. Low DC resistance structure of electrode to prevent wasteful electric power consumption.
10. Operating Temperature: -55~+125°C (Including self-temperature rise)



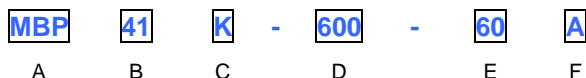
2. Dimensions



Chip Size	
A	4.50±0.20
B	1.60±0.20
C	1.60±0.20
D	0.50±0.30

Units: mm

3. Part Numbering



- A: Series
- B: Dimension
- C: Material Lead Free Material
- D: Impedance 600=60Ω
- E: Rated Current 60=6000mA
- F: Category Code

4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
MBP41K600-60A	60±25%	100	0.01	6000
MBP41K800-30A	80±25%	100	0.04	3000

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

Impedance Frequency Characteristics(Typical)

