

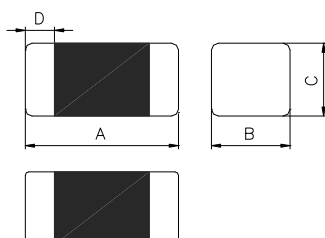
1. Features

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)



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of
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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 L x W
 C: Material Lead Free Material
 D: Impedance 600=60Ω
 E: Packaging T=Taping and Reel, B=Bulk(Bags)
 F: Rated Current 60=6000mA

4. Specification

| Tai-Tech Part Number | Impedance (Ω) | Test Frequency (MHz) | DC Resistance (Ω) max. | Rated Current (mA) max. |
|----------------------|---------------|----------------------|------------------------|-------------------------|
| HCB4516KF-600T60 | 60±25% | 100 | 0.01 | 6000 |
| HCB4516KF-800T30 | 80±25% | 100 | 0.04 | 3000 |

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

Impedance Frequency Characteristics(Typical)

