

# High Current Ferrite Chip Bead(Lead Free)

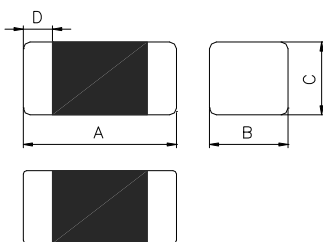
HCB4516\_V-Series

## 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. Reliability test meet AEC-Q200.
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~+150°C (Including self-temperature rise)



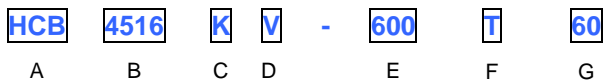
## Dimensions



Chip Size	
<b>A</b>	4.50±0.20
<b>B</b>	1.60±0.20
<b>C</b>	1.60±0.20
<b>D</b>	0.50±0.30

Units: mm

## Part Numbering



- A: Series
- B: Dimension                      L x W
- C: Material                        Lead Free Material
- D: Category Code                V=Vehicle
- E: Impedance                    600=60Ω
- F: Packaging                        T=Taping and Reel, B=Bulk(Bags)
- G: Rated Current                60=6000mA

## Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB4516KV-600T60	60±25%	100	0.01	6000
HCB4516KV-800T30	80±25%	100	0.04	3000

## Impedance Frequency Characteristics(Typical)

