

# High Current Ferrite Chip Bead(Lead Free)

HFZ2012PV-SERIES

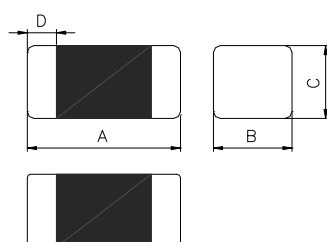
## 1. Features

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. High Current Bead Low RDC
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)



Certificate  
of  
Green Partner

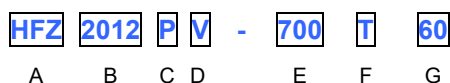
## 2. Dimensions



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

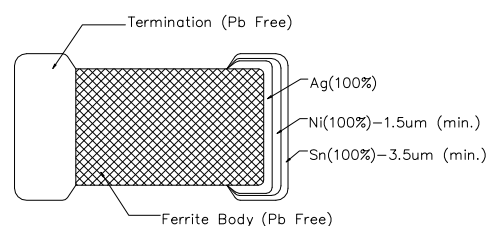
Units: mm

## 3. Part Numbering



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

L x W  
Lead Free Material  
V=Vehicle  
700=70Ω  
T=Taping and Reel, B=Bulk(Bags)  
60=6000mA



## 4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (Hz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ2012PV-300T85	30±25%	60mV/100M	0.004	8500
HFZ2012PV-700T60	70±25%	60mV/100M	0.009	6000
HFZ2012PV-111T50	110±25%	60mV/100M	0.013	5000
HFZ2012PV-181T40	180±25%	60mV/100M	0.020	4000
HFZ2012PV-331T28	330±25%	60mV/100M	0.040	2800
HFZ2012PV-471T25	470±25%	60mV/100M	0.050	2500
HFZ2012PV-601T23	600±25%	60mV/100M	0.060	2300
HFZ2012PV-102T16	1000±25%	60mV/100M	0.120	1600

● Rated current: based on temperature rise test

### Impedance Frequency Characteristics(Typical)

