

# High Current Ferrite Chip Bead(Lead Free)

HFZ1608PV-SERIES

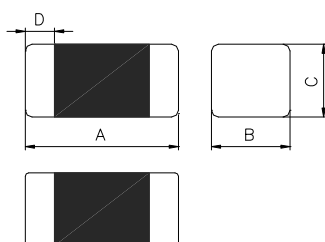
## 1. Features

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)



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## 2. Dimensions



Chip Size	
<b>A</b>	1.60±0.15
<b>B</b>	0.80±0.15
<b>C</b>	0.80±0.15
<b>D</b>	0.30±0.20

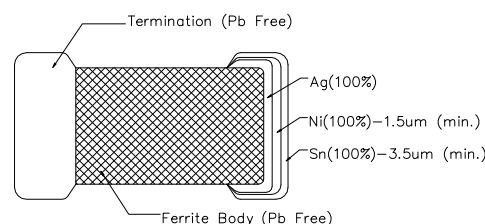
Units: mm

## 3. Part Numbering

HFZ 1608 P V - 300 T 50

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

L x W  
Lead Free Material  
V=Vehicle  
300=30Ω  
T=Taping and Reel, B=Bulk(Bags)  
50=5000mA



## 4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ1608PV-300T50	30±25%	100	0.010	5000
HFZ1608PV-600T40	60±25%	100	0.020	4000
HFZ1608PV-800T30	80±25%	100	0.030	3000
HFZ1608PV-101T30	100±25%	100	0.030	3000
HFZ1608PV-121T30	120±25%	100	0.035	3000
HFZ1608PV-151T25	150±25%	100	0.040	2500
HFZ1608PV-221T23	220±25%	100	0.050	2300
HFZ1608PV-301T22	300±25%	100	0.070	2200
HFZ1608PV-471T20	470±25%	100	0.090	2000
HFZ1608PV-601T20	600±25%	100	0.095	2000
HFZ1608PV-102T15	1000±25%	100	0.150	1500

● Rated current: based on temperature rise test

### Impedance Frequency Characteristics(Typical)

