

High Current Ferrite Chip Bead(Lead Free)

HFZ1005PV-SERIES

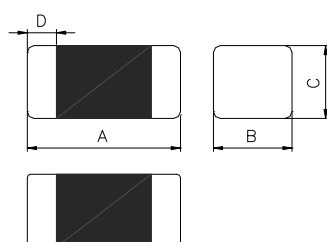
1. Features

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	
A	1.00±0.10
B	0.50±0.10
C	0.50±0.10
D	0.25±0.10

Units: mm

3. Part Numbering

HFZ 1005 P V - 300 T 30

A B C D

E F G

A: Series

B: Dimension

C: Material

D: Category Code

E: Impedance

F: Packaging

G: Rated Current

L x W

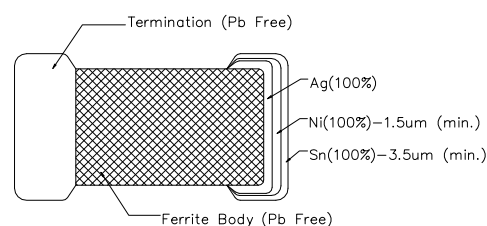
Lead Free Material

V=Vehicle

300=30Ω

T=Taping and Reel, B=Bulk(Bags)

30=3000mA



4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ1005PV-100T40	10±25%	100	0.018	4000
HFZ1005PV-300T30	30±25%	100	0.022	3000
HFZ1005PV-800T23	80±25%	100	0.038	2300
HFZ1005PV-121T20	120±25%	100	0.050	2000
HFZ1005PV-221T15	220±25%	100	0.095	1500
HFZ1005PV-301T12	300±25%	100	0.150	1200
HFZ1005PV-471T11	470±25%	100	0.180	1100
HFZ1005PV-601T10	600±25%	100	0.200	1000

- Rated current: based on temperature rise test

Impedance Frequency Characteristics(Typical)

