

High Current Ferrite Chip Bead(Lead Free)

HFZ3216PV-SERIES

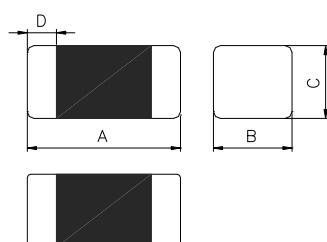
1. Features

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 | 3.20±0.20 |
| B | 1.60±0.20 |
| C | 1.10±0.20 |
| D | 0.50±0.30 |

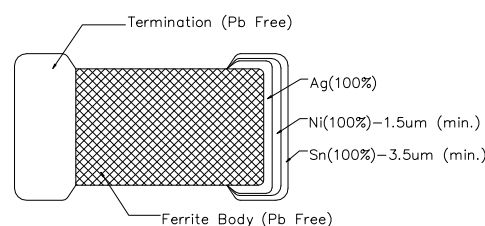
Units: mm

3. Part Numbering

HFZ 3216 P V - 500 T 120

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
 500=50Ω
 T=Taping and Reel, B=Bulk(Bags)
 120=12000mA



4. Specification

| Tai-Tech Part Number | Impedance (Ω) | Test Frequency (Hz) | DC Resistance (Ω) max. | Rated Current (mA) max. |
|----------------------|---------------|---------------------|------------------------|-------------------------|
| HFZ3216PV-300T110 | 30±25% | 60mV/100M | 0.0025 | 11000 |
| HFZ3216PV-500T120 | 50±25% | 60mV/100M | 0.0025 | 12000 |
| HFZ3216PV-121T60 | 120±25% | 60mV/100M | 0.0090 | 6000 |
| HFZ3216PV-271T45 | 270±25% | 60mV/100M | 0.0160 | 4500 |
| HFZ3216PV-471T40 | 470±25% | 60mV/100M | 0.0200 | 4000 |
| HFZ3216PV-601T29 | 600±25% | 60mV/100M | 0.0380 | 2900 |
| HFZ3216PV-801T25 | 800±25% | 60mV/100M | 0.0500 | 2500 |
| HFZ3216PV-102T20 | 1000±25% | 60mV/100M | 0.0750 | 2000 |

- Rated current: based on temperature rise test

Impedance Frequency Characteristics(Typical)

