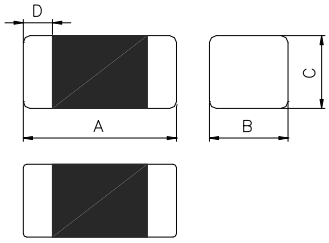
High Current Ferrite Chip Bead(Lead Free) HFZ3216PO-SERIES

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.
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~+125℃(Including self-temperature rise)

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	O	-	500	T	120
A	B	C	D		E	F	G

A: Series
B: Dimension L x W
C: Material Lead Free Material
D: Category Code O=Industrial Grade
E: Impedance 500=50Ω
F: Packaging T=Taping and Reel
G: Rated Current 120=12000mA

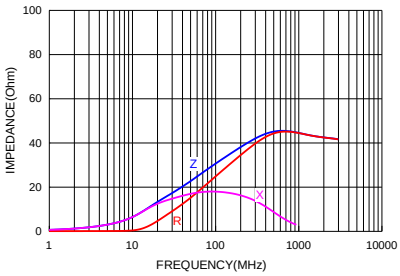
4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ3216PO-300T110	30±25%	100	0.0025	11000
HFZ3216PO-500T125	50±25%	100	0.0016	12500
HFZ3216PO-121T60	120±25%	100	0.0090	6000
HFZ3216PO-271T45	270±25%	100	0.0160	4500
HFZ3216PO-471T40	470±25%	100	0.0200	4000
HFZ3216PO-601T29	600±25%	100	0.0380	2900
HFZ3216PO-801T25	800±25%	100	0.0500	2500
HFZ3216PO-102T20	1000±25%	100	0.0750	2000

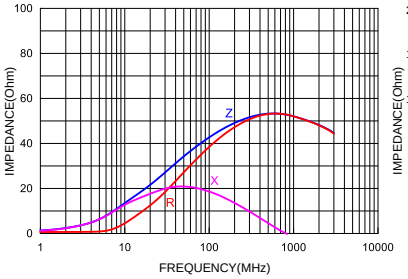
- Rated current: based on temperature rise test
- In compliance with EIA 595
- All test data referenced to 25℃ ambient

Impedance Frequency Characteristics(Typical)

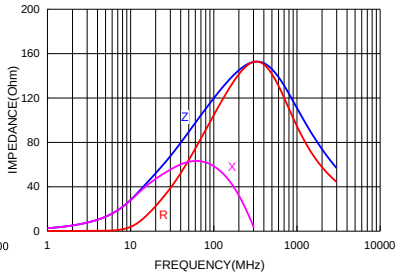
HFZ3216PO-300T110



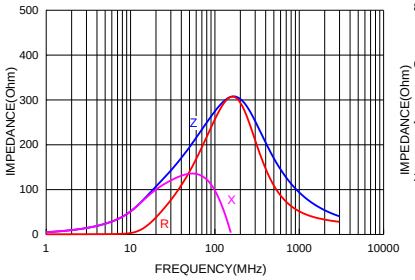
HFZ3216PO-500T125



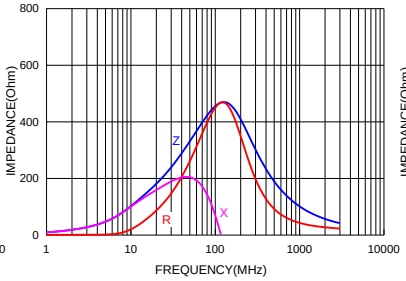
HFZ3216PO-121T60



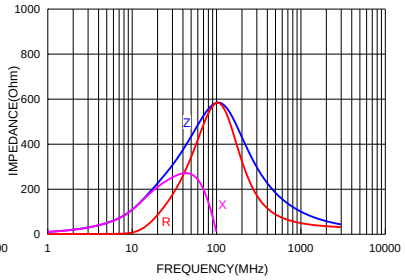
HFZ3216PO-271T45



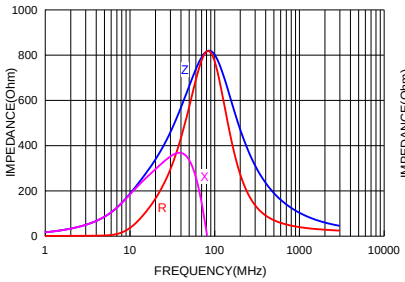
HFZ3216PO-471T40



HFZ3216PO-601T29



HFZ3216PO-801T25



HFZ3216PO-102T20

