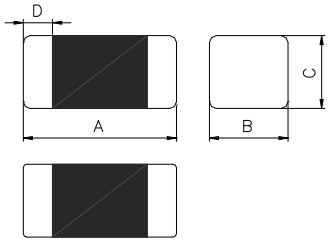
High Current Ferrite Chip Bead(Lead Free) HFZ2012PO-SERIES

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	2.00±0.20
B	1.25±0.20
C	0.85±0.20
D	0.50±0.30

Units: mm

3. Part Numbering

HFZ	2012	P	O	-	700	T	60
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 700=70Ω
F: Packaging T=Taping and Reel
G: Rated Current 60=6000mA

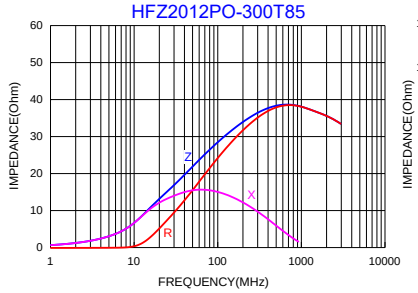
4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ2012PO-300T85	30±25%	100	0.004	8500
HFZ2012PO-700T60	70±25%	100	0.009	6000
HFZ2012PO-111T50	110±25%	100	0.013	5000
HFZ2012PO-181T40	180±25%	100	0.020	4000
HFZ2012PO-331T28	330±25%	100	0.040	2800
HFZ2012PO-471T25	470±25%	100	0.050	2500
HFZ2012PO-601T23	600±25%	100	0.060	2300
HFZ2012PO-102T16	1000±25%	100	0.120	1600

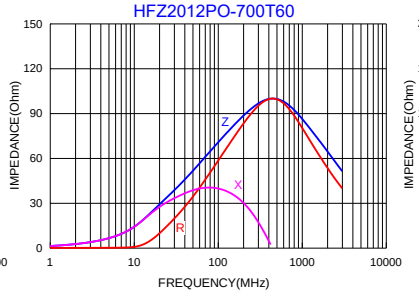
- Rated current: based on temperature rise test
- In compliance with EIA 595
- All test data referenced to 25℃ ambient

Impedance Frequency Characteristics(Typical)

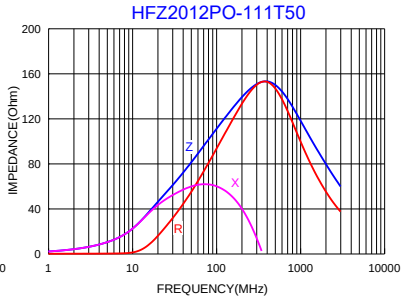
HFZ2012PO-300T85



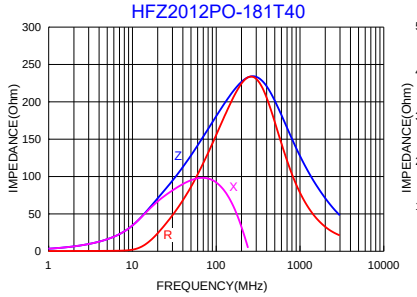
HFZ2012PO-700T60



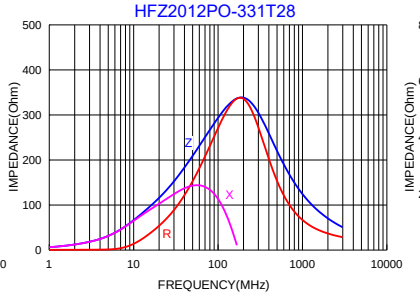
HFZ2012PO-111T50



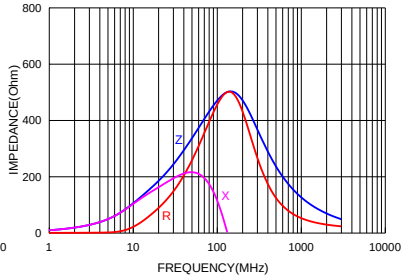
HFZ2012PO-181T40



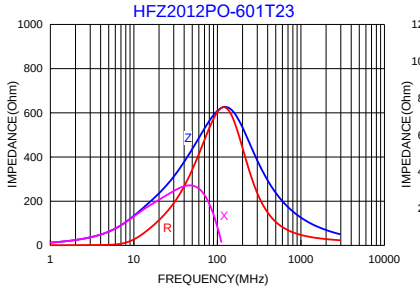
HFZ2012PO-331T28



HFZ2012PO-471T25



HFZ2012PO-601T23



HFZ2012PO-102T16

