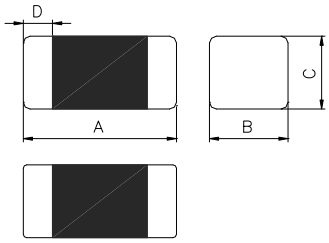
High Current Ferrite Chip Bead(Lead Free) HFZ1608PO-SERIES

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	1.60±0.15
B	0.80±0.15
C	0.80±0.15
D	0.30±0.20

Units: mm

3. Part Numbering

HFZ	1608	P	O	-	300	T	50
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 300=30Ω
F: Packaging T=Taping and Reel
G: Rated Current 50=5000mA

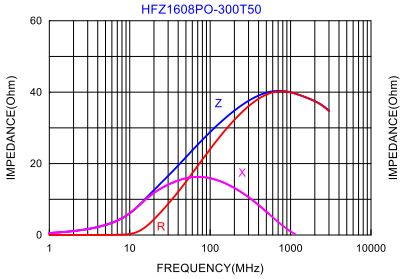
4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ1608PO-300T50	30±25%	100	0.010	5000
HFZ1608PO-600T40	60±25%	100	0.020	4000
HFZ1608PO-800T30	80±25%	100	0.030	3000
HFZ1608PO-101T30	100±25%	100	0.030	3000
HFZ1608PO-121T30	120±25%	100	0.035	3000
HFZ1608PO-151T25	150±25%	100	0.040	2500
HFZ1608PO-221T23	220±25%	100	0.050	2300
HFZ1608PO-301T22	300±25%	100	0.070	2200
HFZ1608PO-471T20	470±25%	100	0.090	2000
HFZ1608PO-601T20	600±25%	100	0.095	2000
HFZ1608PO-102T15	1000±25%	100	0.150	1500

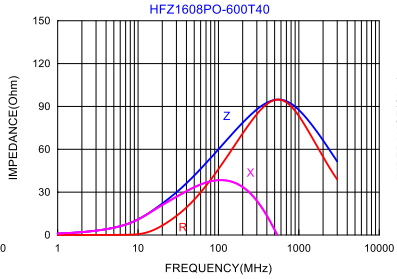
- Rated current: based on temperature rise test
- In compliance with EIA 595
- All test data referenced to 25℃ ambient

Impedance Frequency Characteristics(Typical)

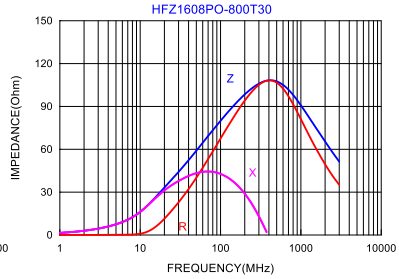
HFZ1608PO-300T50



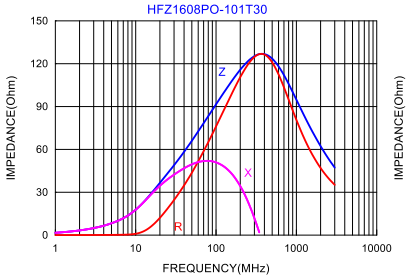
HFZ1608PO-600T40



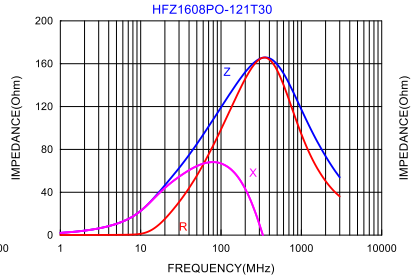
HFZ1608PO-800T30



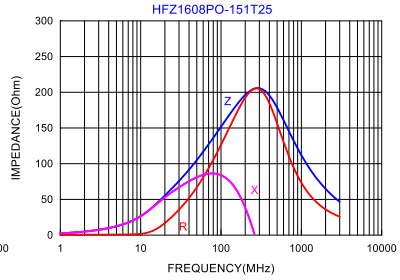
HFZ1608PO-101T30



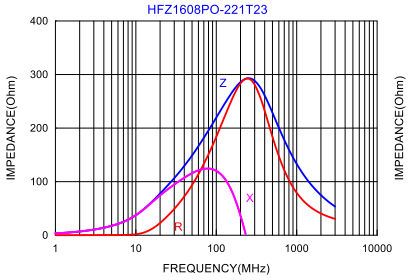
HFZ1608PO-121T30



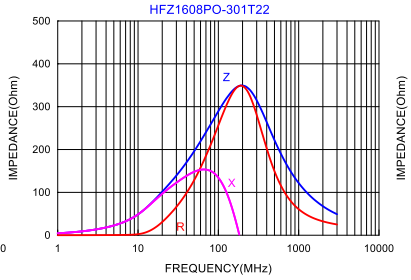
HFZ1608PO-151T25



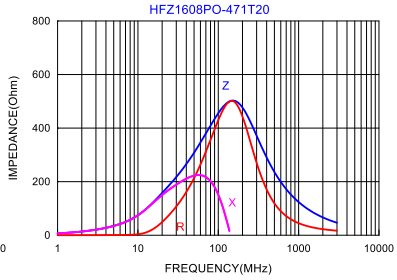
HFZ1608PO-221T23



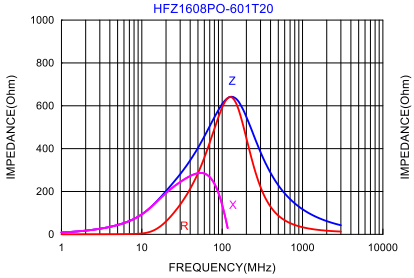
HFZ1608PO-301T22



HFZ1608PO-471T20



HFZ1608PO-601T20



HFZ1608PO-102T15

