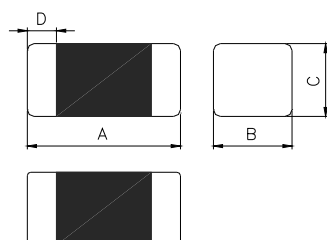


1. Features

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°C (Including self-temperature rise)

2. Dimensions



Chip size				
Size	A(mm)	B(mm)	C(mm)	D(mm)
1005	1.00±0.10	0.50±0.10	0.50±0.10	0.25±0.10
1608	1.60±0.15	0.80±0.15	0.80±0.15	0.30±0.20
2012	2.00±0.20	1.25±0.20	0.85±0.20	0.50±0.30
3216	3.20±0.20	1.60±0.20	1.10±0.20	0.50±0.30

3. Part Numbering

HFZ
1005
PF
-
300
T
30

A: Series
 B: Dimension
 C: Material
 D: Impedance
 E: Packaging
 F: Rated Current

L x W
 Lead Free Material
 300=30Ω
 T=Taping and Reel, B=Bulk(Bags)
 30=3000mA

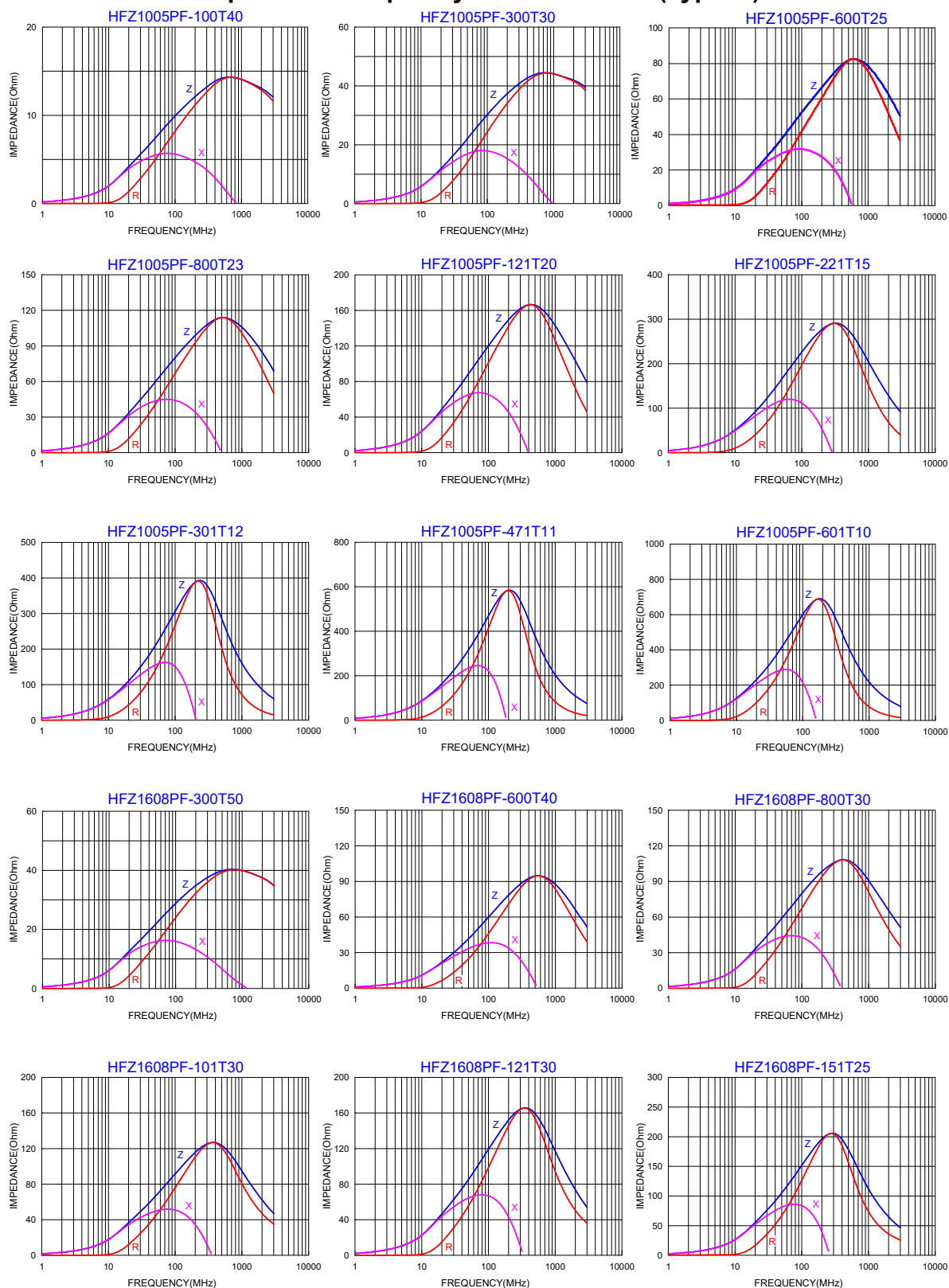
4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ1005PF-100T40	10±25%	100	0.018	4000
HFZ1005PF-300T30	30±25%	100	0.022	3000
HFZ1005PF-600T25	60±25%	100	0.032	2500
HFZ1005PF-800T23	80±25%	100	0.038	2300
HFZ1005PF-121T20	120±25%	100	0.050	2000
HFZ1005PF-221T15	220±25%	100	0.095	1500
HFZ1005PF-301T12	300±25%	100	0.150	1200
HFZ1005PF-471T11	470±25%	100	0.180	1100
HFZ1005PF-601T10	600±25%	100	0.200	1000

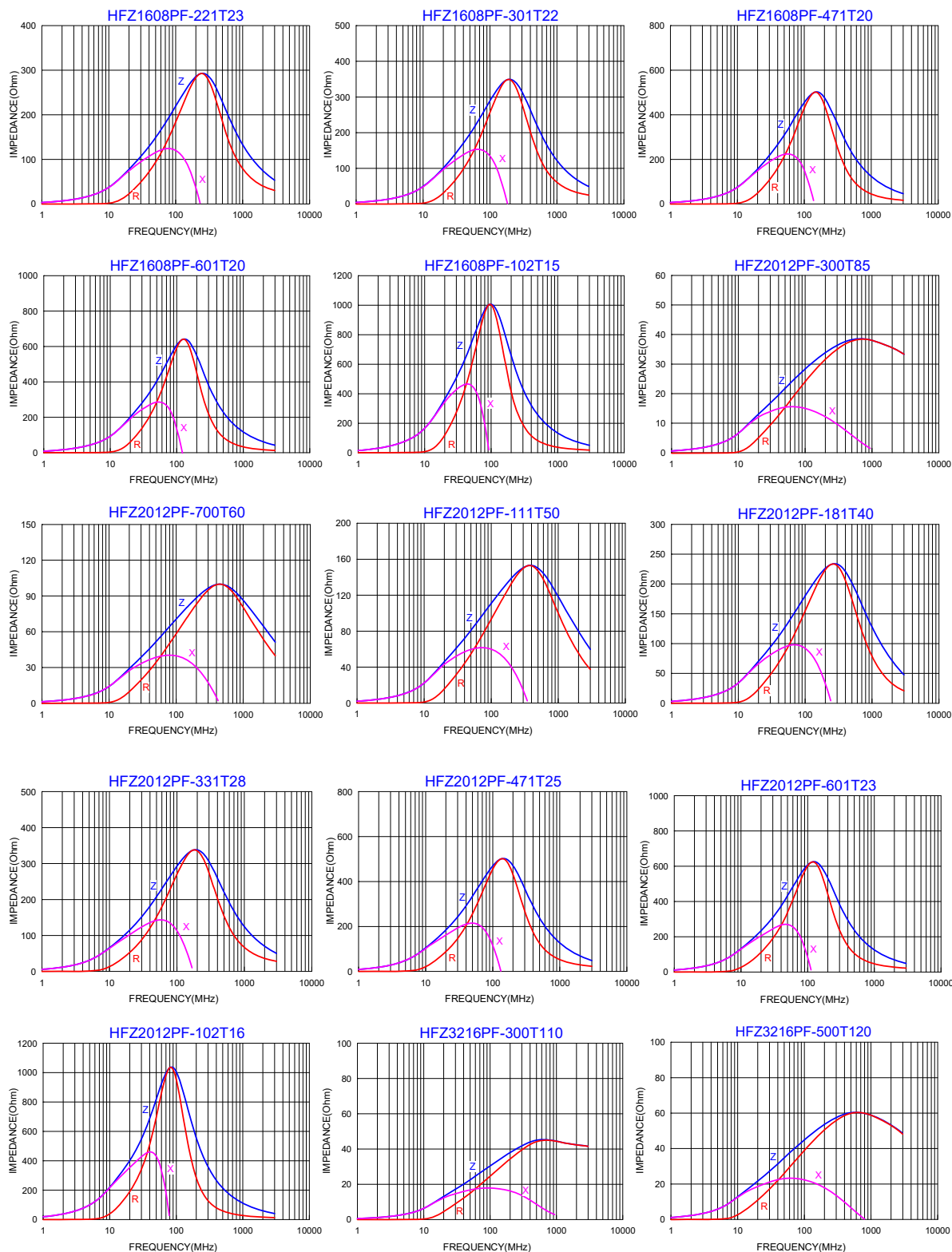
Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ1608PF-300T50	30 $\pm$ 25%	100	0.010	5000
HFZ1608PF-600T40	60 $\pm$ 25%	100	0.020	4000
HFZ1608PF-800T30	80 $\pm$ 25%	100	0.030	3000
HFZ1608PF-101T30	100 $\pm$ 25%	100	0.030	3000
HFZ1608PF-121T30	120 $\pm$ 25%	100	0.035	3000
HFZ1608PF-151T25	150 $\pm$ 25%	100	0.040	2500
HFZ1608PF-221T23	220 $\pm$ 25%	100	0.050	2300
HFZ1608PF-301T22	300 $\pm$ 25%	100	0.070	2200
HFZ1608PF-471T20	470 $\pm$ 25%	100	0.090	2000
HFZ1608PF-601T20	600 $\pm$ 25%	100	0.095	2000
HFZ1608PF-102T15	1000 $\pm$ 25%	100	0.150	1500
HFZ2012PF-300T85	30 $\pm$ 25%	100	0.004	8500
HFZ2012PF-700T60	70 $\pm$ 25%	100	0.009	6000
HFZ2012PF-111T50	110 $\pm$ 25%	100	0.013	5000
HFZ2012PF-181T40	180 $\pm$ 25%	100	0.020	4000
HFZ2012PF-331T28	330 $\pm$ 25%	100	0.040	2800
HFZ2012PF-471T25	470 $\pm$ 25%	100	0.050	2500
HFZ2012PF-601T23	600 $\pm$ 25%	100	0.060	2300
HFZ2012PF-102T16	1000 $\pm$ 25%	100	0.120	1600
HFZ3216PF-300T110	30 $\pm$ 25%	100	0.0025	11000
HFZ3216PF-500T120	50 $\pm$ 25%	100	0.0025	12000
HFZ3216PF-121T60	120 $\pm$ 25%	100	0.0090	6000
HFZ3216PF-271T45	270 $\pm$ 25%	100	0.0160	4500
HFZ3216PF-471T40	470 $\pm$ 25%	100	0.0200	4000
HFZ3216PF-601T29	600 $\pm$ 25%	100	0.0380	2900
HFZ3216PF-801T25	800 $\pm$ 25%	100	0.0500	2500
HFZ3216PF-102T20	1000 $\pm$ 25%	100	0.0750	2000

Note: sample quantity:15pcs

Impedance Frequency Characteristics(Typical)



Impedance Frequency Characteristics(Typical)



Impedance Frequency Characteristics(Typical)

