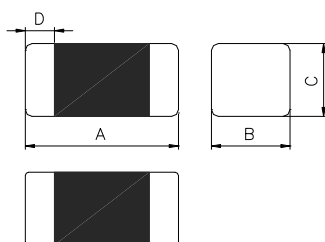


## 1. Features

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	
A	1.60±0.15
B	0.80±0.15
C	0.60±0.15
D	0.30±0.20

Units: mm

## 3. Part Numbering

<b>HFP</b>	<b>160806</b>	<b>PF</b>	-	<b>080</b>	<b>T</b>	<b>80</b>
A	B	C		D	E	F

A: Series  
 B: Dimension L x W x H  
 C: Material **Lead Free Material**  
 D: Impedance **080=8.5Ω**  
 E: Packaging T=Taping and Reel, B=Bulk(Bags)  
 F: Rated Current **80=8000mA**

## 4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (Hz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFP160806PF-080T80	8.5±25%	60mV/100M	0.004	8000

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

## Impedance Frequency Characteristics(Typical)

