

# High Current Ferrite Chip Bead(Lead Free)

HHZ1608SV-SERIES

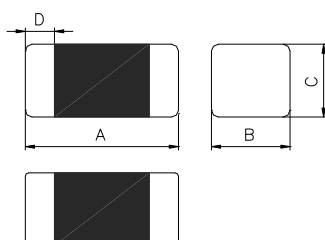
## 1. Features

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. Reliability test meet AEC-Q200.
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~+175°C (Including self-temperature rise)



Certificate  
of  
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## 2. Dimensions



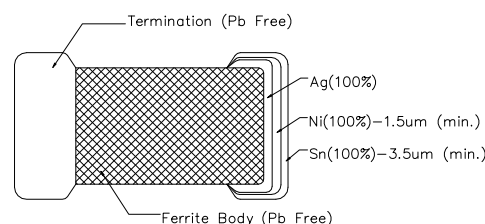
Chip size				
Size	A(mm)	B(mm)	C(mm)	D(mm)
160806	1.60±0.15	0.80±0.15	0.60±0.15	0.40±0.20
160808	1.60±0.15	0.80±0.15	0.80±0.15	0.40±0.20

## 3. Part Numbering

HHZ
160808
S
V
-
221
T
14

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

L x W  
 Lead Free  
 V=Vehicle  
 221=220Ω  
 T=Taping and Reel, B=Bulk(Bags)  
 14=1400mA



## 4. Specification

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (Hz)	DC Resistance (Ω) max.		Rated Current (mA) max.		
			initial value	after test value	@125°C	@150°C	@175°C
HHZ160806SV-260T40	26±25%	60mV/100M	0.007	0.012	4000	2600	10
HHZ160806SV-300T26	30±25%	60mV/100M	0.010	0.015	2600	1700	10
HHZ160806SV-700T22	70±25%	60mV/100M	0.022	0.032	2200	1500	10
HHZ160806SV-101T19	100±25%	60mV/100M	0.030	0.040	1900	1200	10
HHZ160806SV-121T19	120±25%	60mV/100M	0.030	0.040	1900	1200	10
HHZ160808SV-221T14	220±25%	60mV/100M	0.050	0.060	1400	1000	10
HHZ160808SV-331T11	330±25%	60mV/100M	0.080	0.095	1100	790	10
HHZ160808SV-471T092	470±25%	60mV/100M	0.110	0.130	920	610	10
HHZ160808SV-601T086	600±25%	60mV/100M	0.130	0.145	860	560	10
HHZ160808SV-102T074	1000±25%	60mV/100M	0.150	0.165	740	490	10

- Rated current: based on temperature rise test
- In compliance with EIA 595

### Impedance Frequency Characteristics(Typical)

