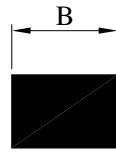
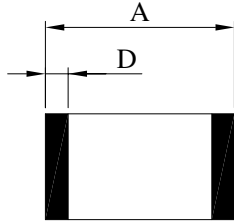


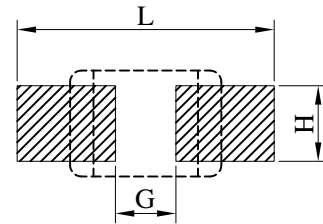
SPECIFICATION FOR APPROVAL

Product Name	Ferrite Chip Beads (Large Current Application) (Lead Free)	Page	1
Tai-Tech Part No.	HCB1005 Series		

1. CONFIGURATION & DIMENSIONS :

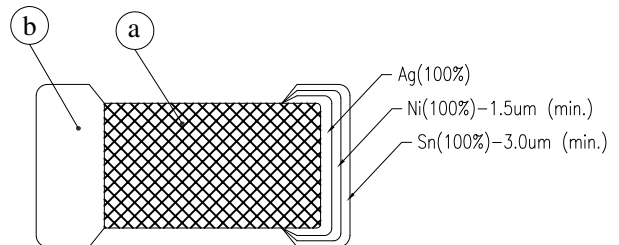
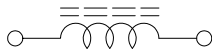


A	: 1.00±0.10	m/m
B	: 0.50±0.10	m/m
C	: 0.50±0.10	m/m
D	: 0.25±0.10	m/m
G	: 0.50 REF	m/m
H	: 0.55 REF	m/m
L	: 2.10 REF	m/m



PCB PATTERN

2. SCHEMATIC DIAGRAM :



3. MATERIALS :

NO.	DESCRIPTION	SPECIFICATION	REMARK
a.	BODY	FERRITE	
b.	TERMINATION	Ag / Ni / Sn	



RoHS Compliant

NOTE : Specifications subject to change without notice. Please check our website for latest information.

26.04.2007



TAI-TECH ADVANCED ELECTRONICS (S) PTE LTD

SPECIFICATION FOR APPROVAL

Product Name	Ferrite Chip Beads (Large Current Application) (Lead Free)	Page	2
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4. GENERAL SPECIFICATION :

- a. TEMP. RISE : 30°C MAX.
- b. RATED CURRENT : BASE ON TEMP. RISE
- c. STORAGE TEMP. : -55°C ----- +125°C
- d. OPERATING TEMP. : -55°C ----- +125°C
- e. RESISTANCE TO SOLDER HEAT : 260°C.10 SECS.

5. ELECTRICAL CHARACTERISTICS :

Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) MAX.	Rated Current (mA)
HCB1005KF-100T30	10 \pm 25%	100	0.04	3000
HCB1005KF-300T20	30 \pm 25%	100	0.10	2000
HCB1005KF-600T20	60 \pm 25%	100	0.10	2000
HCB1005KF-800T15	80 \pm 25%	100	0.15	1500
HCB1005KF-121T10	120 \pm 25%	100	0.20	1000



RoHS Compliant

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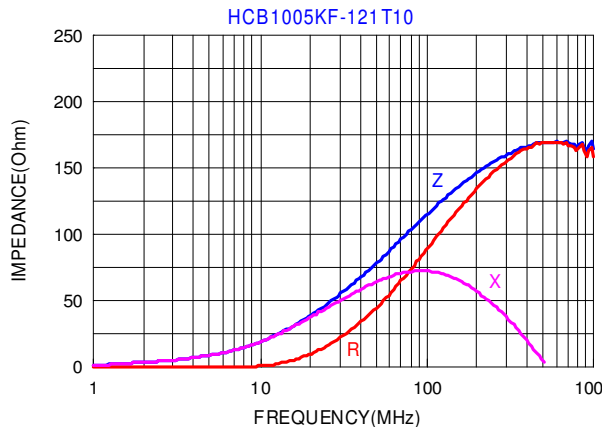
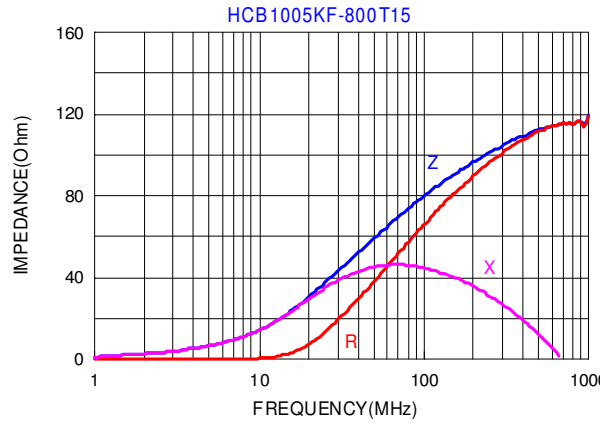
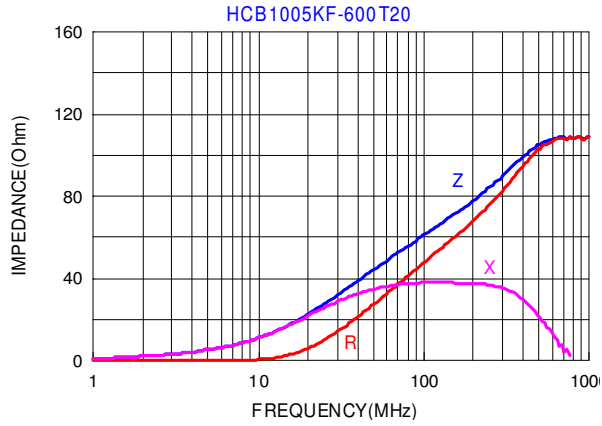
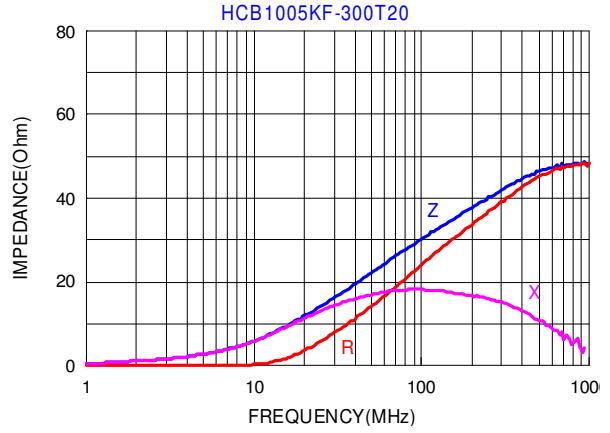
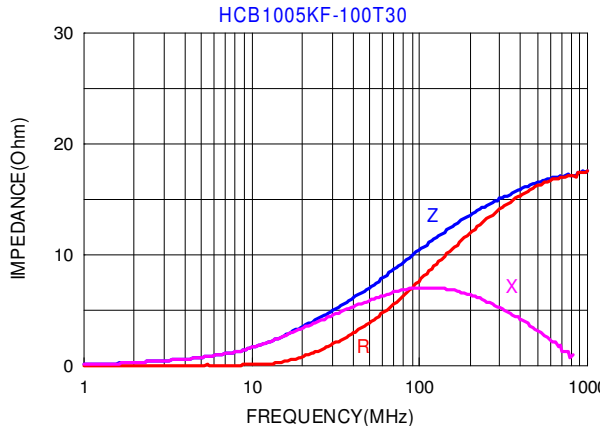


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SPECIFICATION FOR APPROVAL

Product Name	Ferrite Chip Beads (Large Current Application) (Lead Free)	Page	3
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6. IMPEDANCE Vs FREQUENCY CURVE :



RoHS Compliant

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