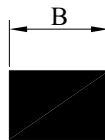
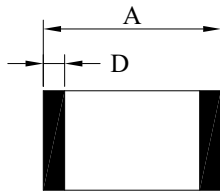


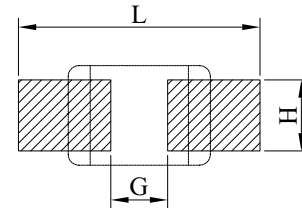
SPECIFICATION FOR APPROVAL

Product Name	FERRITE CHIP BEADS (Large Current Application) (LEAD FREE)	Page	1
Tai-tech Part No.	HCB1608 Series	Rev. No.	0

1. CONFIGURATION & DIMENSIONS :

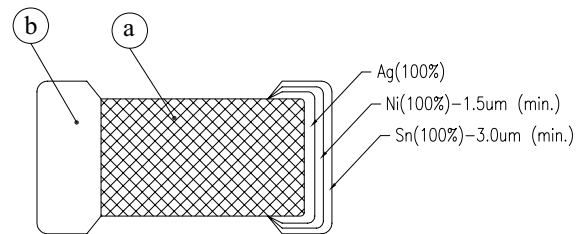
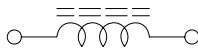


A	: 1.60± 0.15	m/m
B	: 0.80± 0.15	m/m
C	: 0.80± 0.15	m/m
D	: 0.30± 0.20	m/m
G	: 0.60 REF	m/m
H	: 0.80 REF	m/m
L	: 2.60 REF	m/m



PCB PATTERN

2. SCHEMATIC DIAGRAM :



3. MATERIALS :

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

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.



RoHS Compliant



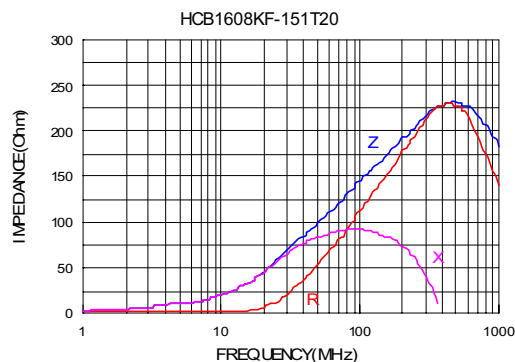
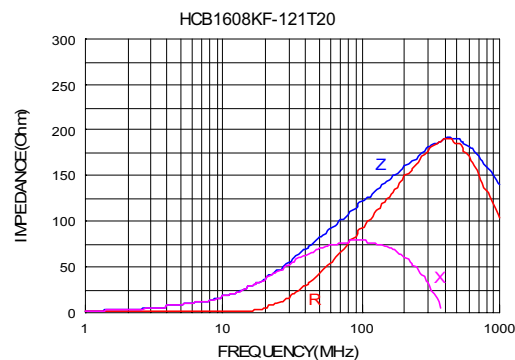
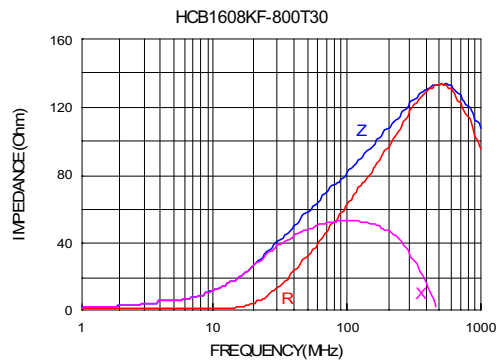
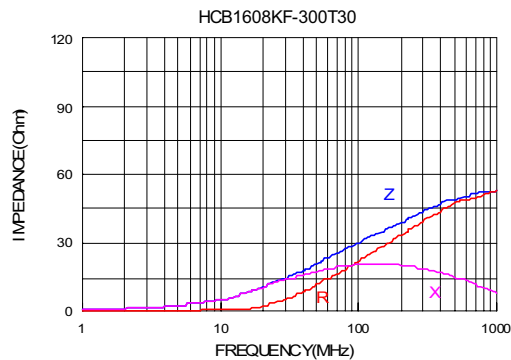
SPECIFICATION FOR APPROVAL

Product Name	FERRITE CHIP BEADS (Large Current Application) (LEAD FREE)	Page	2
Tai-tech Part No.	HCB1608 Series	Rev. No.	0

5. ELECTRICAL CHARACTERISTICS :

Part Number	EIA Size	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) MAX.	Rated Current (mA) MAX.
HCB1608KF-300T30	0603	30 \pm 25%	100	0.04	3000
HCB1608KF-800T30	0603	80 \pm 25%	100	0.04	3000
HCB1608KF-121T20	0603	120 \pm 25%	100	0.10	2000
HCB1608KF-151T20	0603	150 \pm 25%	100	0.10	2000
HCB1608KF-221T20	0603	220 \pm 25%	100	0.10	2000
HCB1608KF-301T10	0603	300 \pm 25%	100	0.20	1000
HCB1608KF-471T10	0603	470 \pm 25%	100	0.20	1000
HCB1608KF-601T10	0603	600 \pm 25%	100	0.20	1000

6. IMPEDANCE Vs FREQUENCY CURVE :



RoHS Compliant



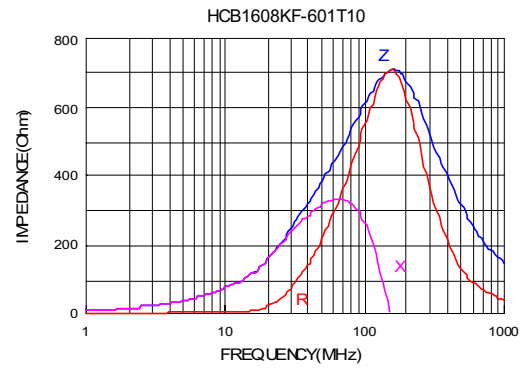
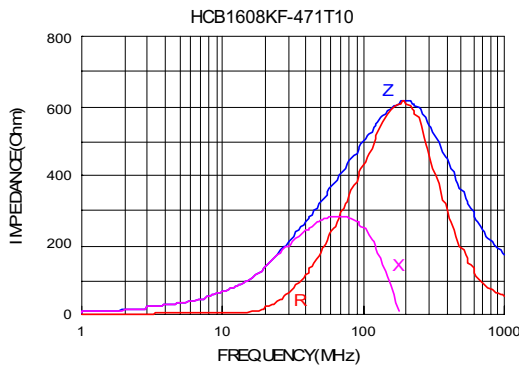
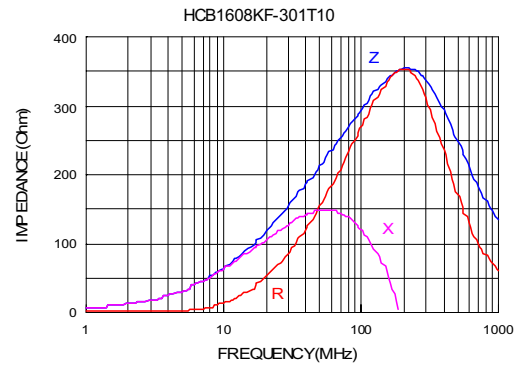
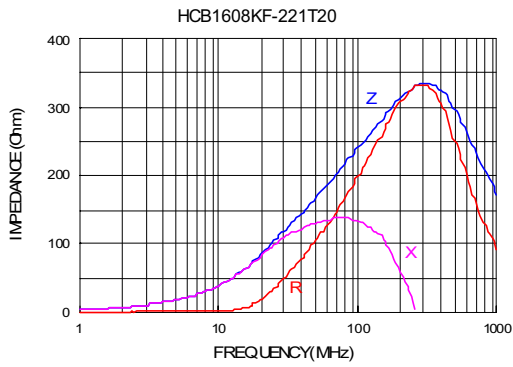
TAI-TECH ADVANCED ELECTRONICS (S) PTE LTD

www.DataSheet4U.com

SPECIFICATION FOR APPROVAL

Product Name	FERRITE CHIP BEADS (Large Current Application) (LEAD FREE)	Page	3
Tai-tech Part No.	HCB1608 Series	Rev. No.	0

6. IMPEDANCE Vs FREQUENCY CURVE :



RoHS Compliant

