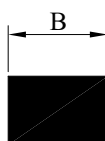
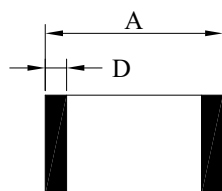


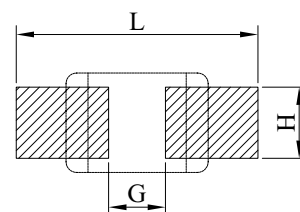
# SPECIFICATION FOR APPROVAL

Product Name	FERRITE CHIP BEADS (Large Current Application) (LEAD FREE)	Page	1
Tai-tech Part No.	HCB4516 Series	Rev. No.	0

## 1. CONFIGURATION & DIMENSIONS :

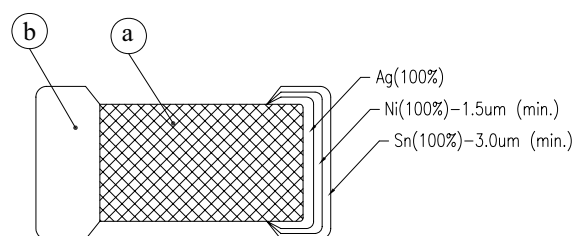
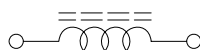


A	: 4.50± 0.20	m/m
B	: 1.60± 0.20	m/m
C	: 1.60± 0.20	m/m
D	: 0.50± 0.30	m/m
G	: 2.70 REF	m/m
H	: 1.40 REF	m/m
L	: 5.70 REF	m/m



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**



TAI-TECH ADVANCED ELECTRONICS (S) PTE LTD

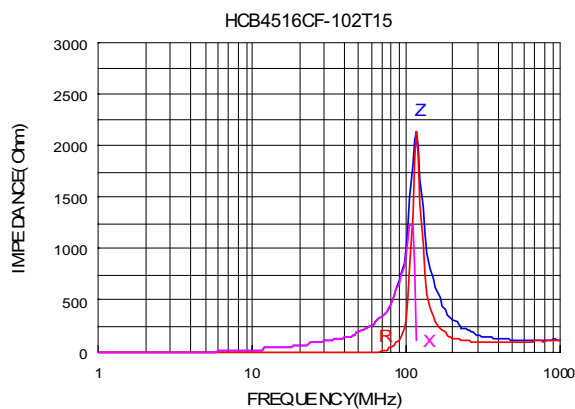
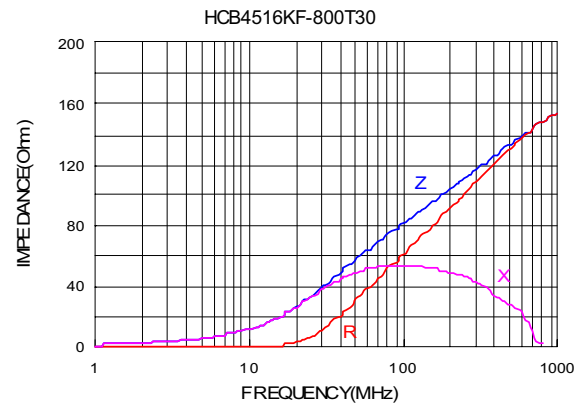
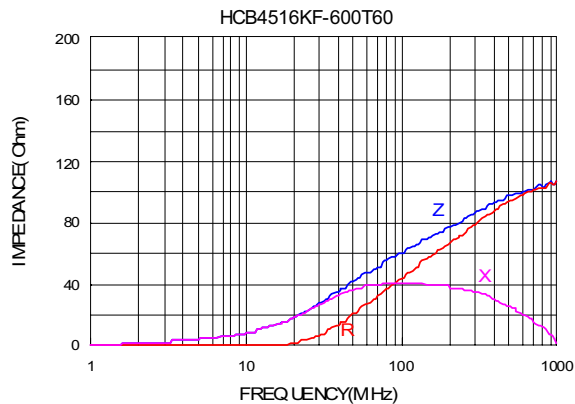
# SPECIFICATION FOR APPROVAL

Product Name	FERRITE CHIP BEADS (Large Current Application) (LEAD FREE)	Page	2
Tai-tech Part No.	HCB4516 Series	Rev. No.	0

## 5. ELECTRICAL CHARACTERISTICS :

Part Number	EIA Size	Impedance ( $\Omega$ )	Test Frequency (MHz)	DC Resistance ( $\Omega$ ) MAX.	Rated Current (mA) MAX.
HCB4516KF-600T60	1806	$60 \pm 25\%$	100	0.01	6000
HCB4516KF-800T30	1806	$80 \pm 25\%$	100	0.04	3000
HCB4516CF-102T15	1806	$1000 \pm 25\%$	100	0.15	1500

## 6. IMPEDANCE Vs FREQUENCY CURVE :



**RoHS Compliant**



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