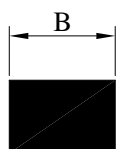
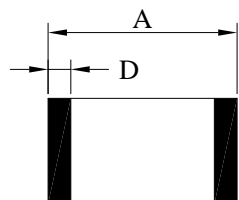


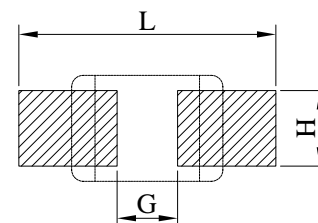
# SPECIFICATION FOR APPROVAL

Product Name	FERRITE CHIP BEADS (High Speed Application) (LEAD FREE)	Page	1
Tai-tech Part No.	FCM2012C Series	Rev. No.	0

## 1. CONFIGURATION & DIMENSIONS :

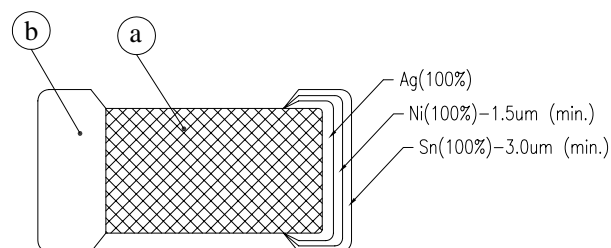
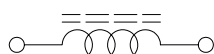


A	: 2.00± 0.20	m/m
B	: 1.25± 0.20	m/m
C	: 0.85± 0.20	m/m
D	: 0.50± 0.30	m/m
G	: 1.00 REF	m/m
H	: 1.00 REF	m/m
L	: 3.00 REF	m/m



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**



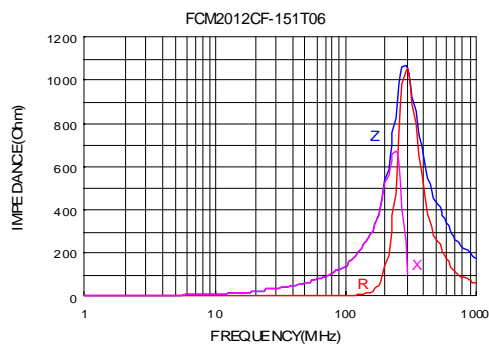
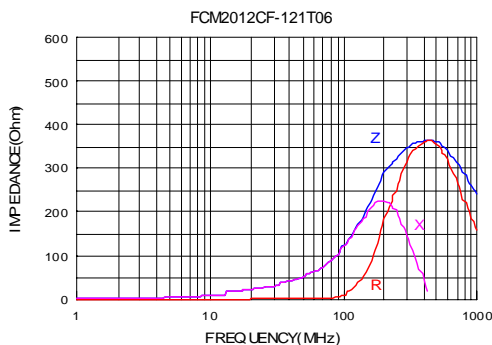
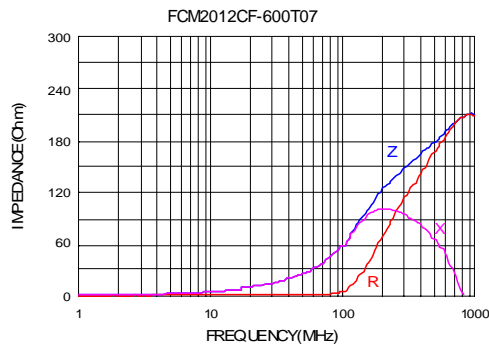
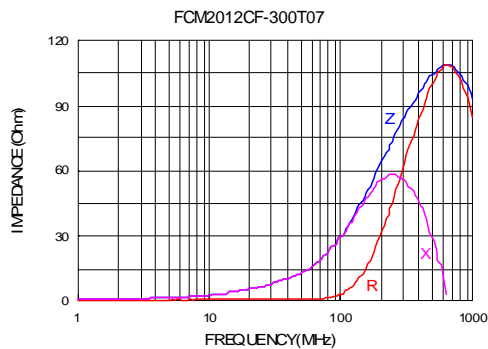
# SPECIFICATION FOR APPROVAL

Product Name	FERRITE CHIP BEADS (High Speed Application) (LEAD FREE)	Page	2
Tai-tech Part No.	FCM2012C Series	Rev. No.	0

## 5. ELECTRICAL CHARACTERISTICS :

Part Number	EIA Size	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) MAX.	Rated Current (mA) MAX.
FCM2012CF-300T07	0805	30 ± 25%	100	0.20	700
FCM2012CF-600T07	0805	60 ± 25%	100	0.20	700
FCM2012CF-121T06	0805	120 ± 25%	100	0.25	600
FCM2012CF-151T06	0805	150 ± 25%	100	0.25	600
FCM2012CF-221T04	0805	220 ± 25%	100	0.30	400
FCM2012CF-301T04	0805	300 ± 25%	100	0.35	400
FCM2012CF-471T04	0805	470 ± 25%	100	0.40	400
FCM2012CF-601T03	0805	600 ± 25%	100	0.45	300
FCM2012CF-102T02	0805	1000 ± 25%	100	0.50	200

## 6. IMPEDANCE Vs FREQUENCY CURVE :



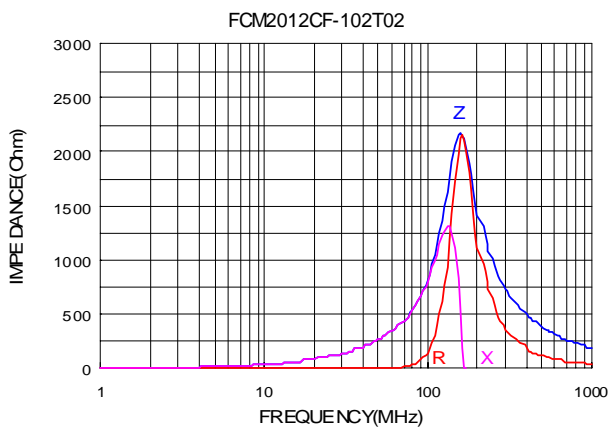
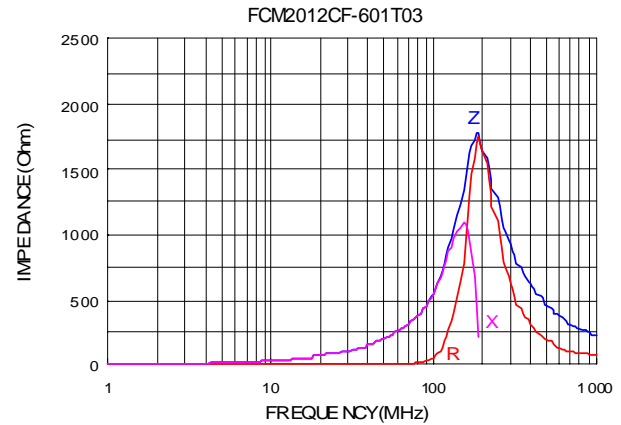
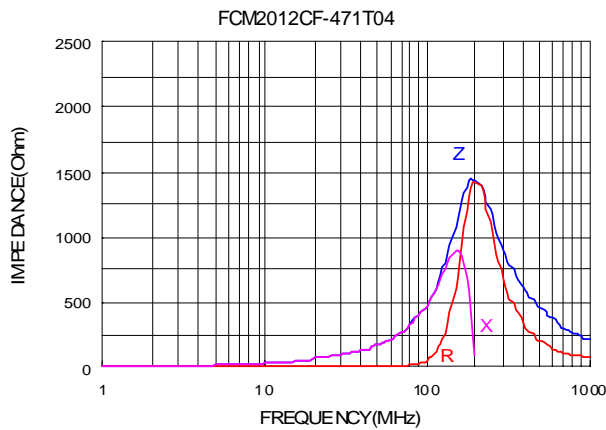
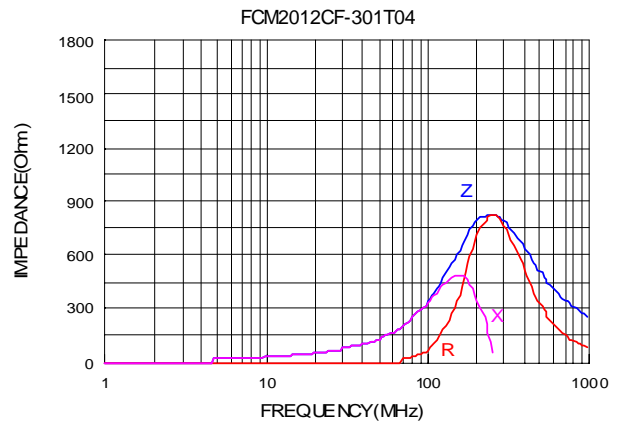
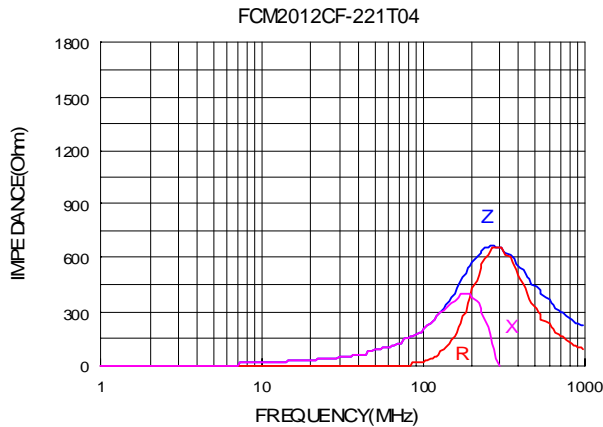
**RoHS Compliant**



# SPECIFICATION FOR APPROVAL

Product Name	FERRITE CHIP BEADS (High Speed Application) (LEAD FREE)	Page	3
Tai-tech Part No.	FCM2012C Series	Rev. No.	0

## 6. IMPEDANCE Vs FREQUENCY CURVE :



**RoHS Compliant**

