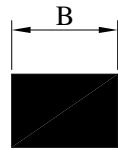
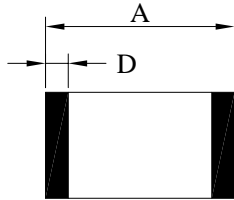


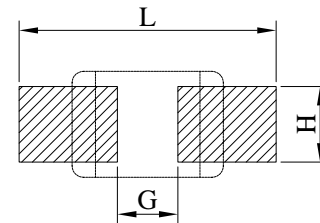
# SPECIFICATION FOR APPROVAL

Product Name	FERRITE CHIP BEADS (Low Speed Application) (LEAD FREE)	Page	1
Tai-tech Part No.	FCM2012W Series	Rev. No.	0

## 1. CONFIGURATION & DIMENSIONS :

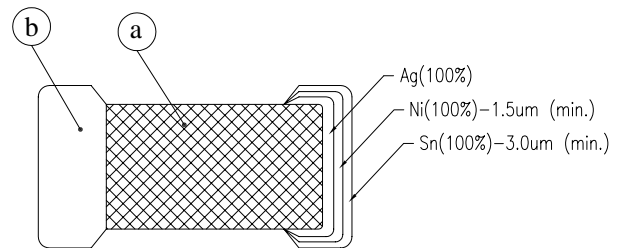
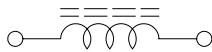


A	: 2.00± 0.20	m/m
B	: 1.25± 0.20	m/m
C	: 0.85± 0.20	m/m
D	: 0.50± 0.30	m/m
G	: 1.00 REF	m/m
H	: 1.00 REF	m/m
L	: 3.00 REF	m/m



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**



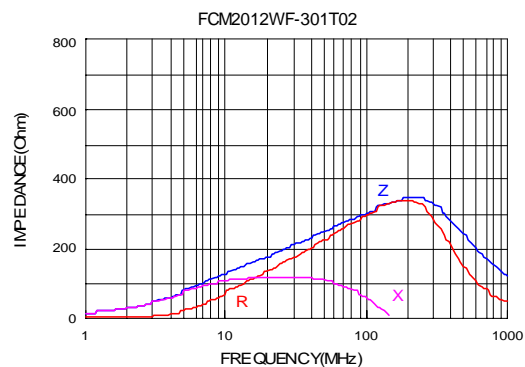
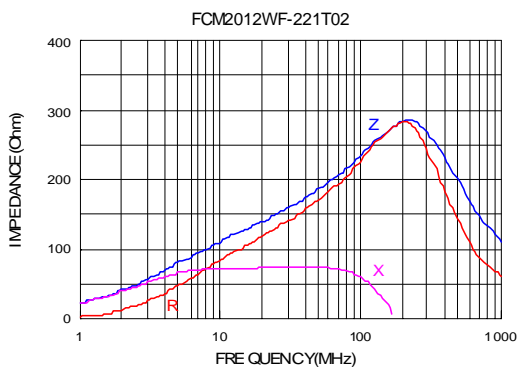
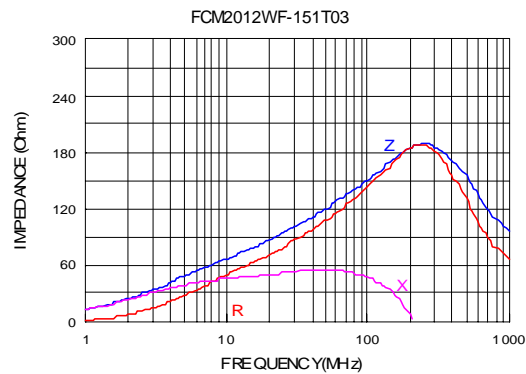
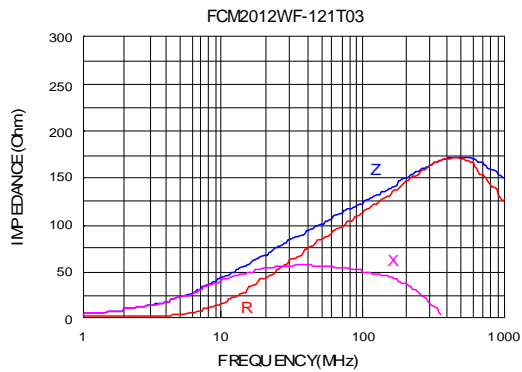
# SPECIFICATION FOR APPROVAL

Product Name	FERRITE CHIP BEADS (Low Speed Application) (LEAD FREE)	Page	2
Tai-tech Part No.	FCM2012W Series	Rev. No.	0

## 5. ELECTRICAL CHARACTERISTICS :

Part Number	EIA Size	Impedance ( $\Omega$ )	Test Frequency (MHz)	DC Resistance ( $\Omega$ ) MAX.	Rated Current (mA) MAX.
FCM2012WF-121T03	0805	120 $\pm$ 25%	100	0.15	300
FCM2012WF-151T03	0805	150 $\pm$ 25%	100	0.20	300
FCM2012WF-221T02	0805	220 $\pm$ 25%	100	0.30	250
FCM2012WF-301T02	0805	300 $\pm$ 25%	100	0.35	200
FCM2012WF-471T02	0805	470 $\pm$ 25%	100	0.40	200
FCM2012WF-601T02	0805	600 $\pm$ 25%	100	0.45	200
FCM2012WF-801T01	0805	800 $\pm$ 25%	100	0.55	150
FCM2012WF-102T01	0805	1000 $\pm$ 25%	100	0.65	100

## 6. IMPEDANCE Vs FREQUENCY CURVE :



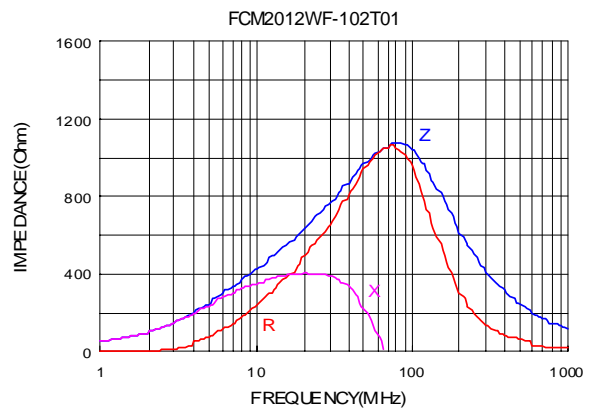
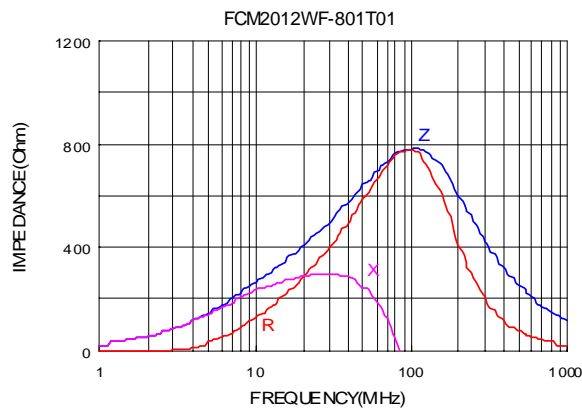
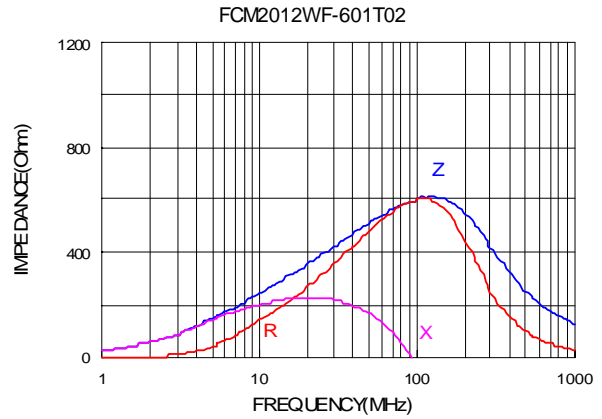
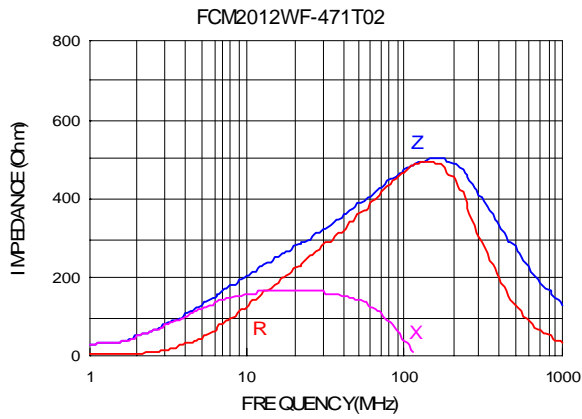
**RoHS Compliant**



# SPECIFICATION FOR APPROVAL

Product Name	FERRITE CHIP BEADS (Low Speed Application) (LEAD FREE)	Page	3
Tai-tech Part No.	FCM2012W Series	Rev. No.	0

## 6. IMPEDANCE Vs FREQUENCY CURVE :



**RoHS Compliant**

