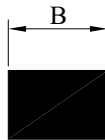
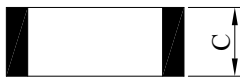
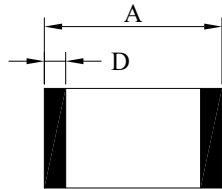


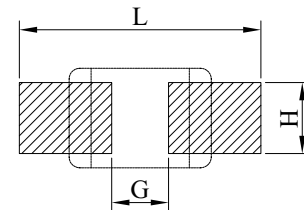
# SPECIFICATION FOR APPROVAL

Product Name	<b>FERRITE CHIP BEADS (High Impedance General Usage) (LEAD FREE)</b>	Page	1
Tai-tech Part No.	FCM1608 Series	Rev. No.	0

## 1. CONFIGURATION & DIMENSIONS :

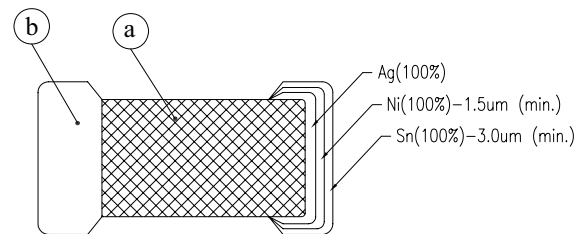
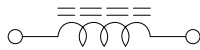


A	: 1.60± 0.15	m/m
B	: 0.80± 0.15	m/m
C	: 0.80± 0.15	m/m
D	: 0.30± 0.20	m/m
G	: 0.60 REF	m/m
H	: 0.80 REF	m/m
L	: 2.60 REF	m/m



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**



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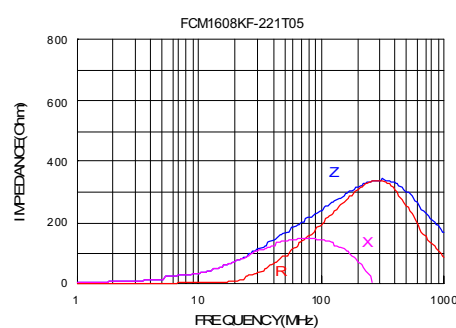
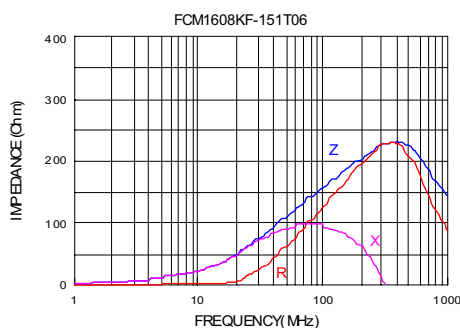
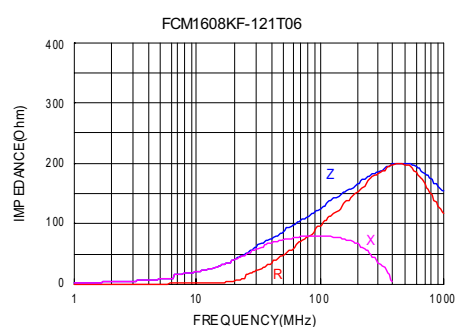
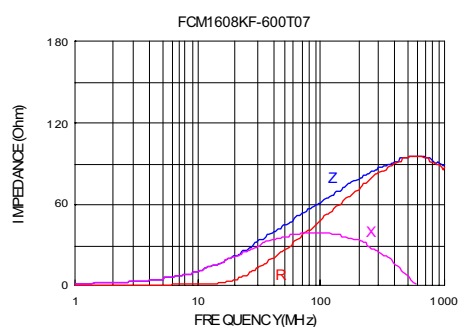
# SPECIFICATION FOR APPROVAL

Product Name	FERRITE CHIP BEADS (High Impedance General Usage) (LEAD FREE)	Page	2
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## 5. ELECTRICAL CHARACTERISTICS :

Part Number	EIA Size	Impedance ( $\Omega$ )	Test Frequency ( MHz )	DC Resistance ( $\Omega$ ) MAX.	Rated Current ( mA ) MAX.
FCM1608KF-600T07	0603	60 $\pm$ 25%	100	0.20	700
FCM1608KF-121T06	0603	120 $\pm$ 25%	100	0.25	600
FCM1608KF-151T06	0603	150 $\pm$ 25%	100	0.25	600
FCM1608KF-221T05	0603	220 $\pm$ 25%	100	0.30	550
FCM1608KF-301T05	0603	300 $\pm$ 25%	100	0.35	500
FCM1608KF-471T03	0603	470 $\pm$ 25%	100	0.45	350
FCM1608KF-601T03	0603	600 $\pm$ 25%	100	0.50	350
FCM1608KF-102T02	0603	1000 $\pm$ 25%	100	0.70	200
FCM1608HF-152T02	0603	1500 $\pm$ 25%	100	1.00	200
FCM1608HF-202T01	0603	2000 $\pm$ 25%	100	1.20	150

## 6. IMPEDANCE Vs FREQUENCY CURVE :



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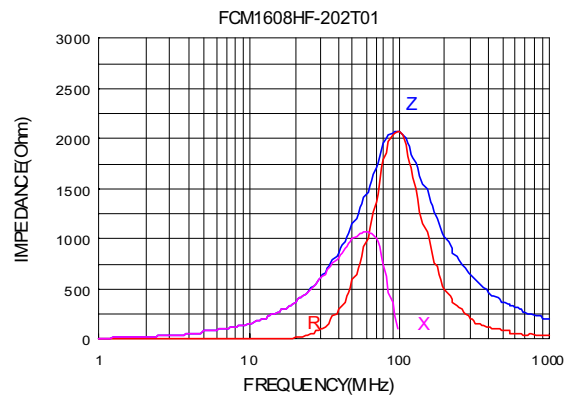
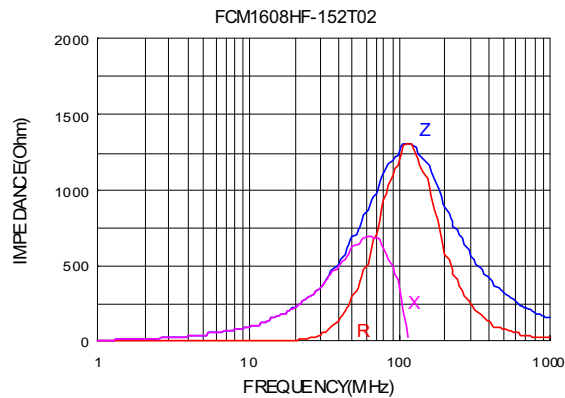
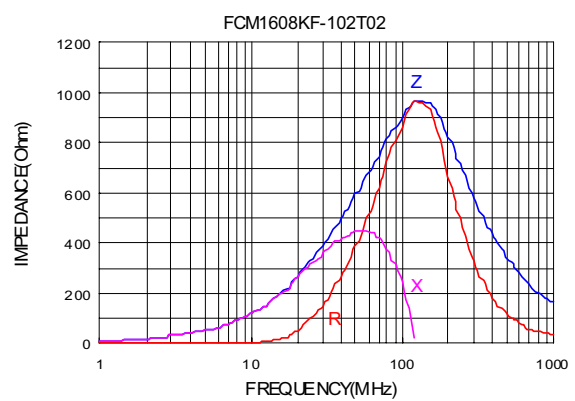
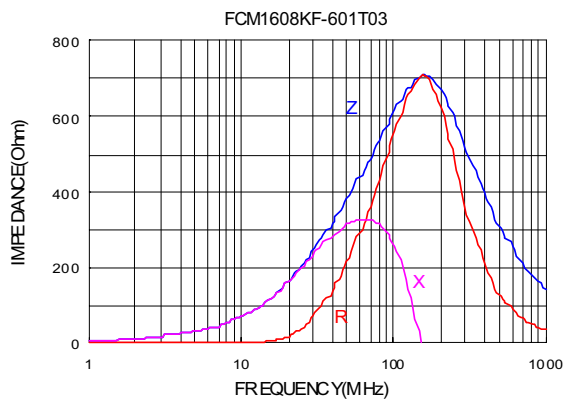
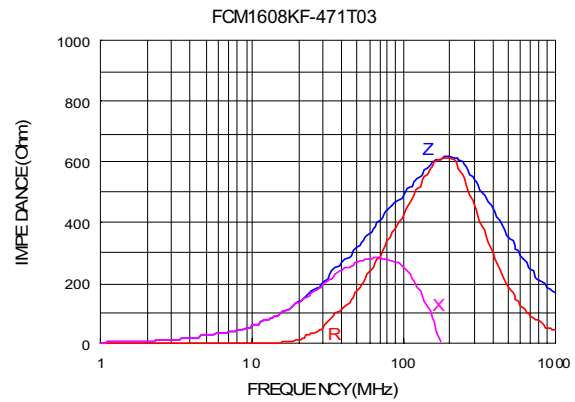
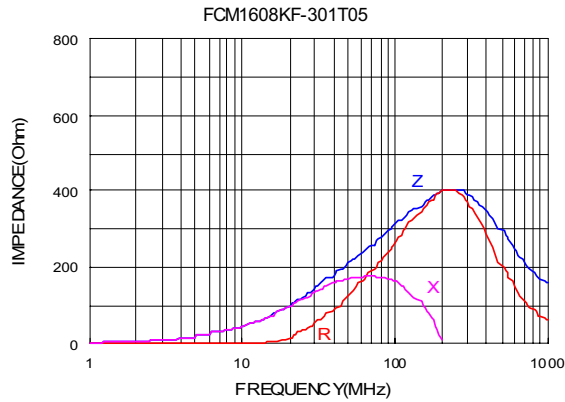


**TAI-TECH ADVANCED ELECTRONICS (S) PTE LTD**

# SPECIFICATION FOR APPROVAL

Product Name	<b>FERRITE CHIP BEADS (High Impedance General Usage) (LEAD FREE)</b>	Page	3
Tai-tech Part No.	FCM1608 Series	Rev. No.	0

## 6. IMPEDANCE Vs FREQUENCY CURVE :



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