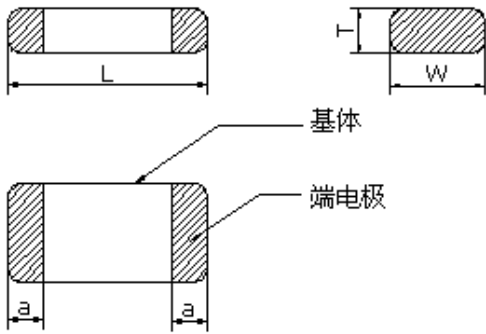


# CH Series Specification

**1** Scope: This specification applies to MULTILAYER CHIP FERRITE BEADS

**2** Shape And Dimensions



Type	Dimensions in mm			
	L	W	T	a <sub>1</sub> , a <sub>2</sub>
CH1005	1.00±0.15	0.50±0.15	0.50±0.15	0.25±0.10
CH1608	1.6±0.15	0.80±0.15	0.80±0.15	0.30±0.20
CH2012	2.0 <sup>+0.3</sup> <sub>-0.1</sub>	1.25±0.20	0.85±0.20	0.4±0.20

**3** Part Numbering: Product Identification

CH    1608    H    5N6    S    T    (f)  
 ①        ②        ③        ④        ⑤        ⑥        ⑦

- (1) Product symbol 系列代号:
- (2) Dimensions 尺寸: Length 长 (L) × Width 宽 (W)
- (3) Material code 材料代号: H
- (4) Inductance 电感量: 5N6: 5.6nH; 22N: 22nH; R10:100nH
- (5) Tolerance 允许偏差: S: ±0.3nH    D: ±0.5nH    J: ±5%    K: ±10%
- (6) Packing style 包装方式: B: Bulk 散装; T: Tape and reel 载带盘装
- (7) Leadfree products 无铅产品: 据客户要求

**4** Test Equipment

- HP4287A PACKED RF LCR METER;
- HP4338B MILLIOHM METER;
- CHEN HUA 502BC OHM METER;
- E4991A RF IMPEDANCE ANALYZER.

**5** Rating

Operating Temperature (使用温度): -40°C~+125°C  
 Storage Temperature (储存温度): 40°C max. 70% RH max.

## 陶瓷体叠层片式电感器电性能

## CH1005 型

产品类型	电感量 L (nH)	Q 值 min	L、Q 测定频率 (MHz)	自谐频率 SRFmin (MHz)	直流电阻 DCR max( $\Omega$ )	额定电流 (mA)
CH1005H1N0□	1.0	7	100	>3000	0.10	400
CH1005H1N2□	1.2	7	100	>3000	0.10	400
CH1005H1N5□	1.5	8	100	>3000	0.13	400
CH1005H1N8□	1.8	8	100	>3000	0.14	400
CH1005H2N2□	2.2	8	100	>3000	0.16	400
CH1005H2N7□	2.7	8	100	>3000	0.17	400
CH1005H3N3□	3.3	8	100	>3000	0.19	400
CH1005H3N9□	3.9	8	100	>3000	0.22	400
CH1005H4N7□	4.7	8	100	>3000	0.24	400
CH1005H5N6□	5.6	8	100	>3000	0.27	400
CH1005H6N8□	6.8	8	100	3000	0.32	300
CH1005H8N2□	8.2	8	100	2800	0.37	300
CH1005H10N□	10	8	100	2500	0.42	300
CH1005H12N□	12	8	100	2000	0.50	300
CH1005H15N□	15	8	100	2000	0.55	300
CH1005H18N□	18	8	100	1900	0.65	300
CH1005H22N□	22	8	100	1800	0.80	200
CH1005H27N□	27	8	100	1500	0.90	200
CH1005H33N□	33	8	100	1300	1.00	200
CH1005H39N□	39	8	100	1200	1.20	150
CH1005H47N□	47	8	100	1100	1.30	150
CH1005H56N□	56	8	100	1000	1.60	150
CH1005H68N□	68	8	100	800	2.10	150
CH1005H82N□	82	8	100	750	2.40	150
CH1005HR10□	100	8	100	700	2.60	150

□ : 表示电感量偏差代号为 K、J、D、S。 K:±10%, J:±5%, D:±0.5nH, S:±0.3nH

## CH1608 型

产品规格代码	电感量 L (nH)	Q min 值	L、Q 测定频率 MHz	自谐频率 SRFmin (MHz)	直流电阻 DCR max( $\Omega$ )	额定电流 Imax (mA)
CH1608H1N0□	1.0	8	100	>3000	0.10	500
CH1608H1N2□	1.2	8	100	>3000	0.10	500
CH1608H1N5□	1.5	8	100	>3000	0.10	500
CH1608H1N8□	1.8	8	100	>3000	0.12	500
CH1608H2N2□	2.2	8	100	>3000	0.20	500
CH1608H2N7□	2.7	8	100	>3000	0.20	500
CH1608H3N3□	3.3	8	100	>3000	0.20	500
CH1608H3N9□	3.9	8	100	>3000	0.20	500
CH1608H4N7□	4.7	8	100	>3000	0.20	500
CH1608H5N6□	5.6	8	100	>3000	0.30	500
CH1608H6N8□	6.8	8	100	>3000	0.30	500
CH1608H8N2□	8.2	8	100	>3000	0.30	500
CH1608H10N□	10	8	100	>3000	0.50	300
CH1608H12N□	12	8	100	>3000	0.50	300
CH1608H15N□	15	8	100	>3000	0.60	300
CH1608H18N□	18	8	100	>3000	0.60	300
CH1608H22N□	22	8	100	>3000	0.55	300
CH1608H27N□	27	8	100	>3000	0.80	300
CH1608H33N□	33	8	100	>3000	0.80	300
CH1608H39N□	39	8	100	2500	0.80	300
CH1608H47N□	47	8	100	2400	1.00	300
CH1608H56N□	56	8	100	2200	1.00	300
CH1608H68N□	68	8	100	1000	1.00	300
CH1608H82N□	82	8	100	800	1.00	300
CH1608HR10□	100	8	100	700	1.00	300
CH1608H R12□	120	8	50	600	1.20	300
CH1608H R15□	150	8	50	500	1.20	300
CH1608H R18□	180	8	50	400	1.40	300
CH1608H R22□	220	8	50	350	1.50	300
CH1608H R27□	270	8	50	300	1.80	300

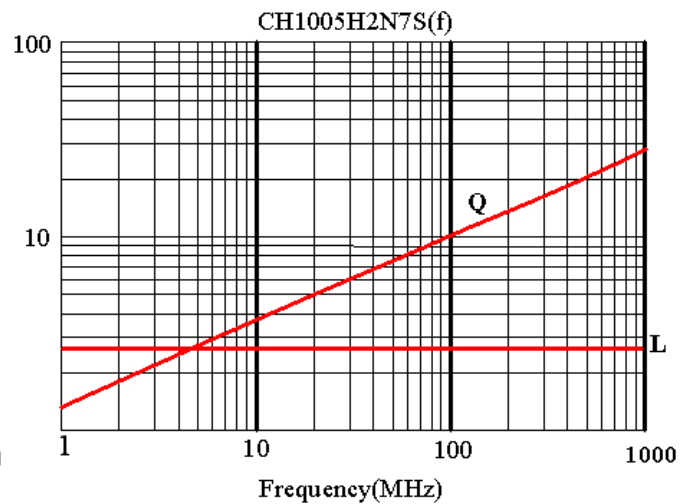
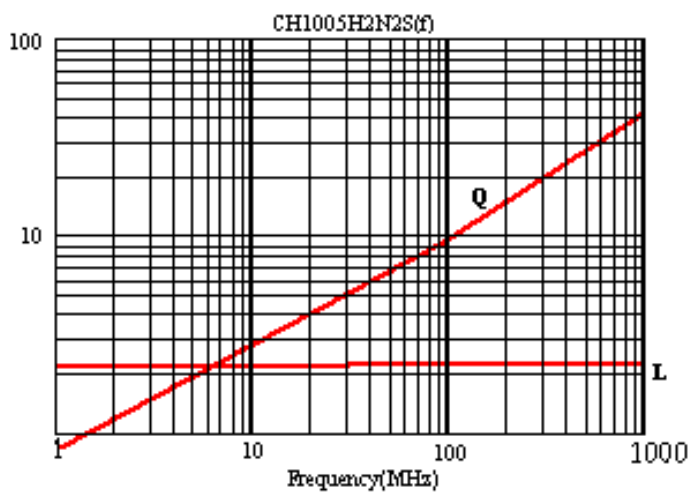
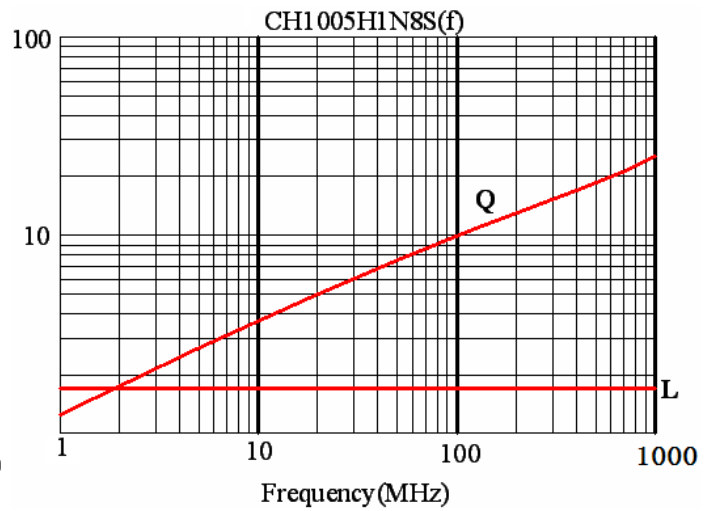
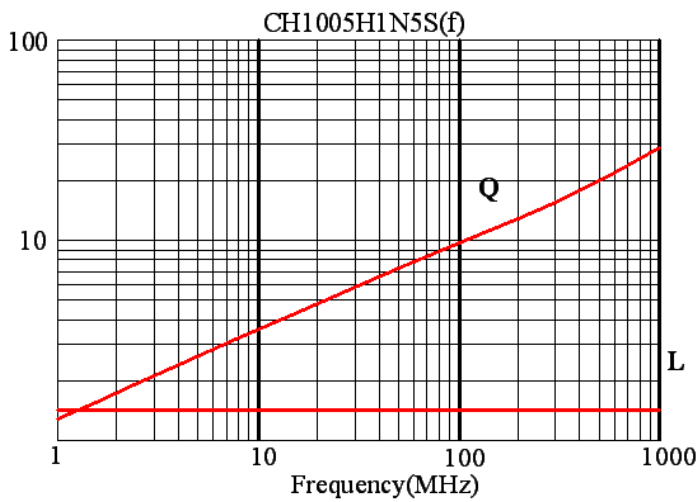
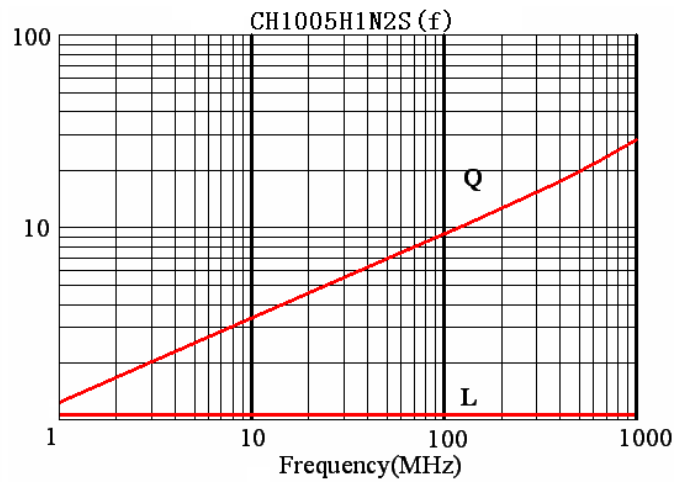
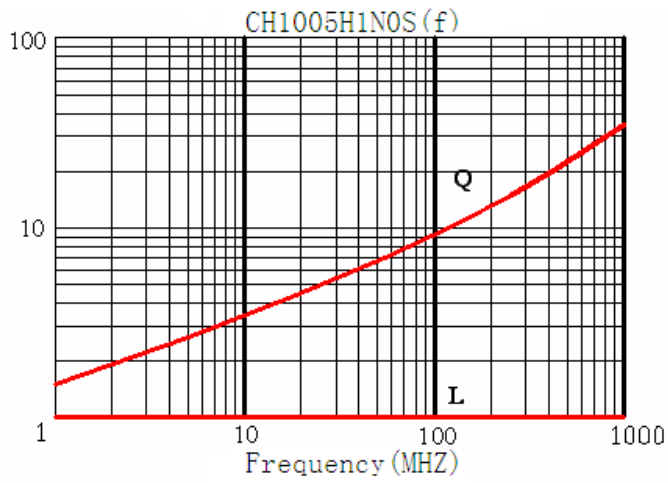
□ : 表示电感量偏差代号为 K、J、D、S。 K:±10%, J:±5%, D:±0.5nH, S:±0.3nH

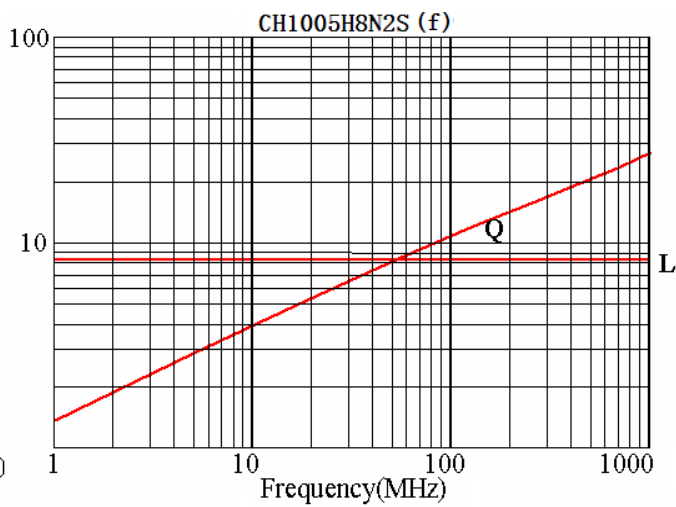
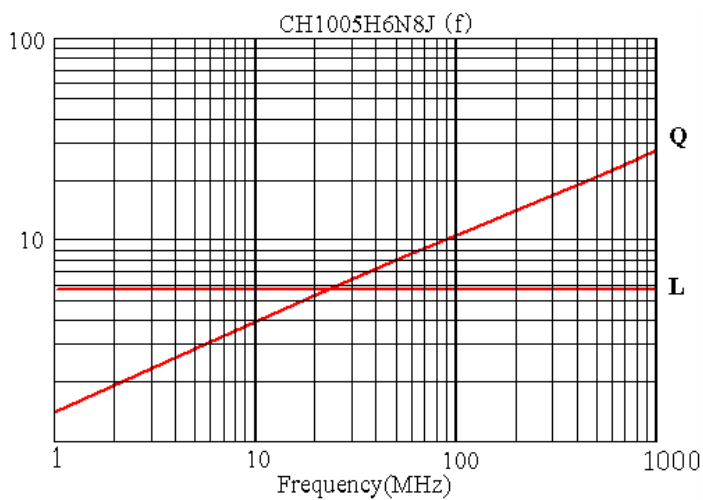
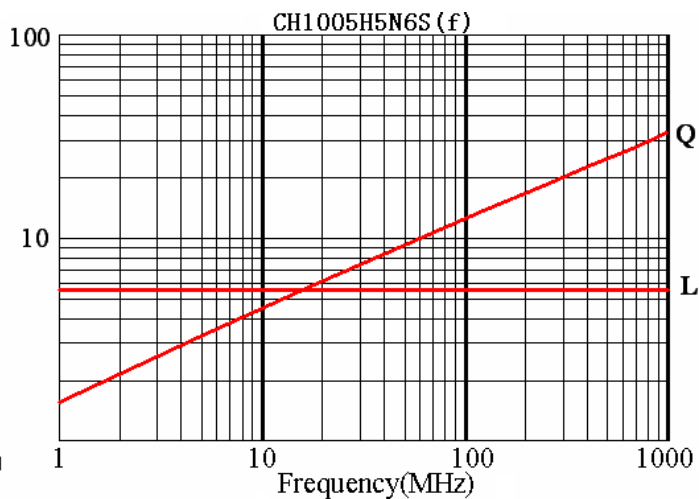
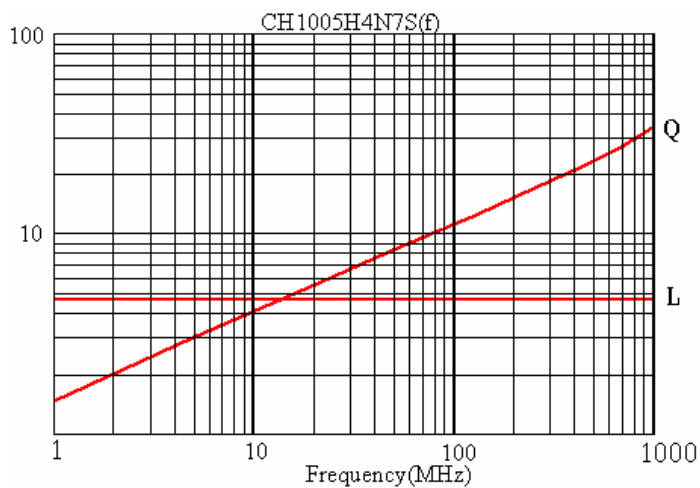
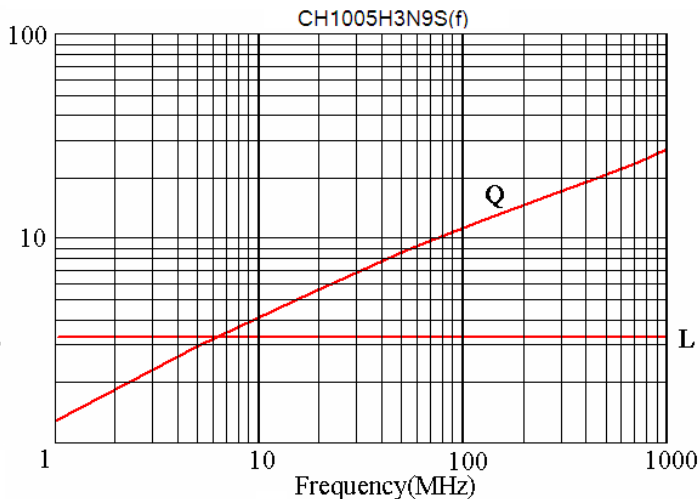
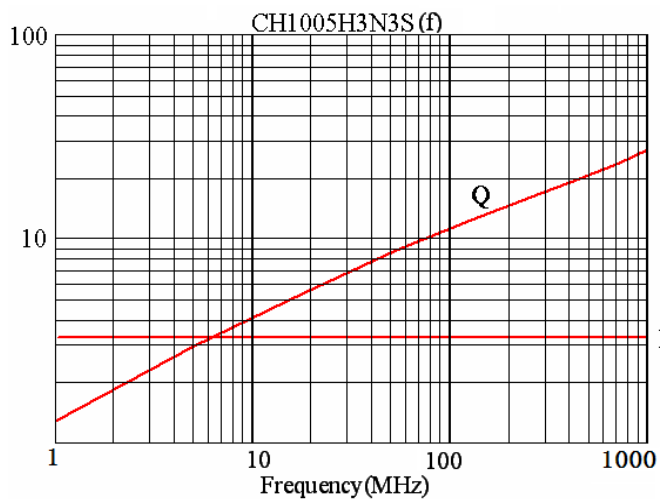
## CH2012 型

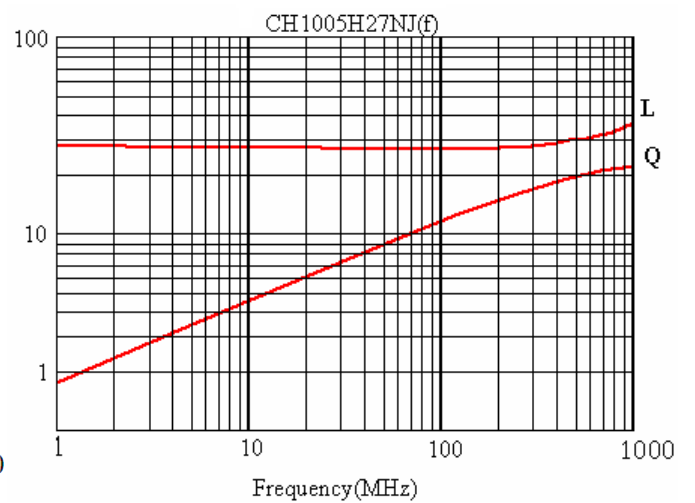
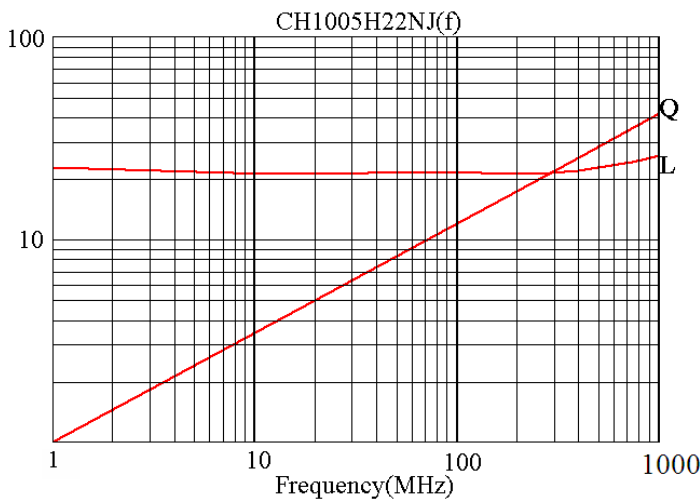
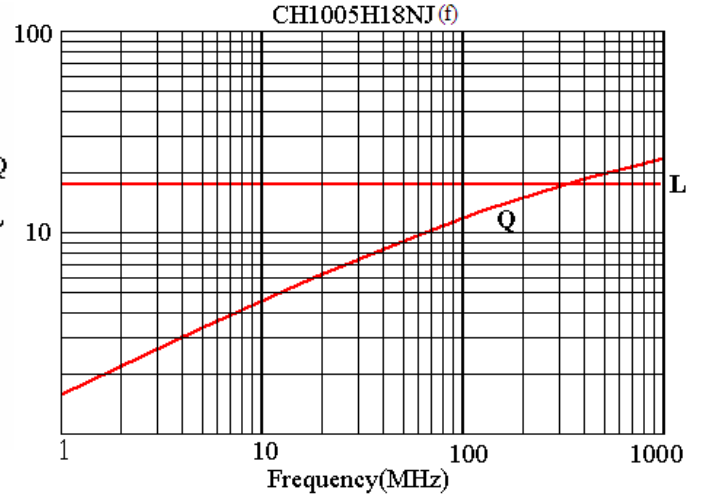
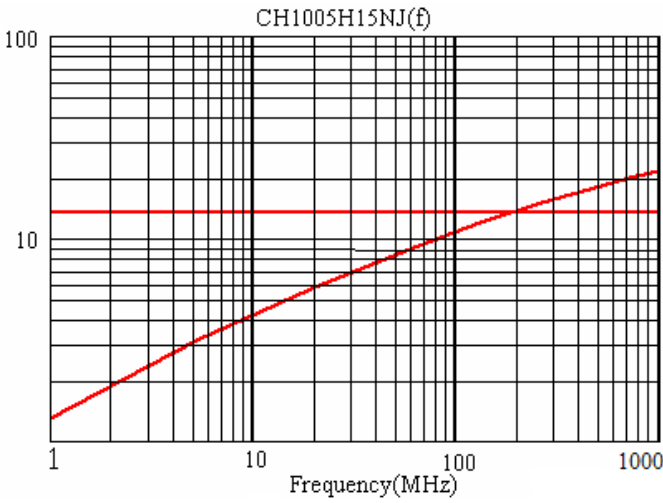
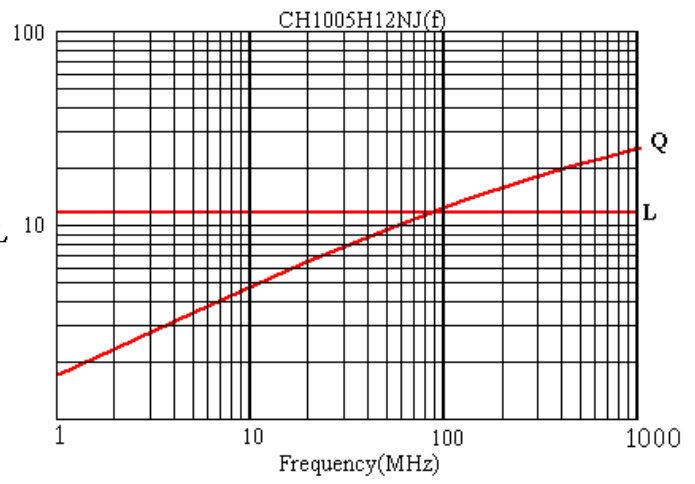
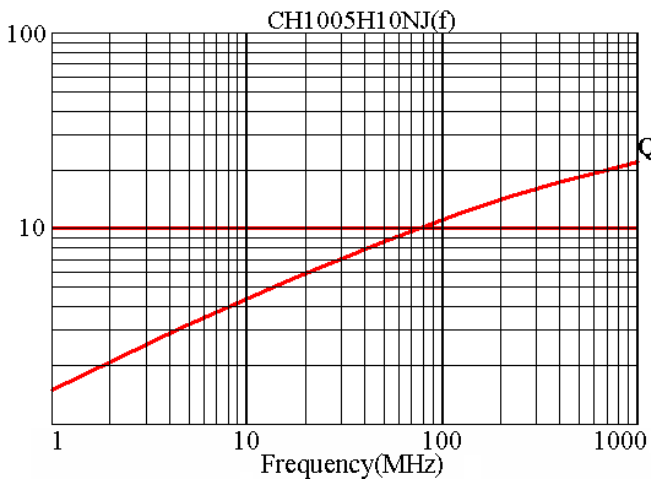
产品规格代码	电感量 L (nH)	Q min 值	L、Q 测定频率 MHz	自谐频率 SRFmin (MHz)	直流电阻 DCR max(Ω)	额定电流 Imax (mA)
CH2012H 1N0□	1.0	10	100	>3000	0.10	600
CH2012H 1N5□	1.5	10	100	>3000	0.10	600
CH2012H 1N8□	1.8	10	100	>3000	0.10	600
CH2012H 2N2□	2.2	10	100	>3000	0.10	600
CH2012H 2N7□	2.7	10	100	>3000	0.10	600
CH2012H 3N3□	3.3	10	100	>3000	0.13	600
CH2012H 3N9□	3.9	10	100	>3000	0.15	600
CH2012H 4N7□	4.7	10	100	>3000	0.20	400
CH2012H 5N6□	5.6	10	100	>3000	0.23	400
CH2012H 6N8□	6.8	10	100	>3000	0.25	400
CH2012H 8N2□	8.2	10	100	>3000	0.28	400
CH2012H 10N□	10	10	100	2500	0.30	300
CH2012H 12N□	12	10	100	2450	0.30	300
CH2012H 15N□	15	10	100	2000	0.40	300
CH2012H 18N□	18	10	100	1750	0.45	300
CH2012H 22N□	22	10	100	1700	0.50	300
CH2012H 27N□	27	10	100	1550	0.55	300
CH2012H 33N□	33	10	100	1350	0.60	300
CH2012H 39N□	39	13	100	1300	0.65	300
CH2012H 47N□	47	15	100	1200	0.70	300
CH2012H 56N□	56	15	100	1150	0.75	300
CH2012H 68N□	68	15	100	1000	0.80	300
CH2012H 82N□	82	15	100	850	0.90	300
CH2012H R10□	100	15	100	600	1.00	300
CH2012H R12□	120	15	50	500	1.50	300
CH2012H R15□	150	15	50	500	1.50	300
CH2012H R22□	220	13	50	350	2.10	200

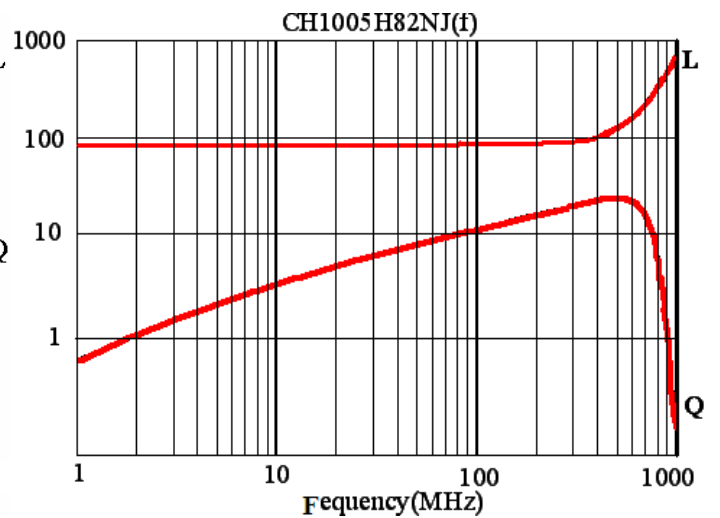
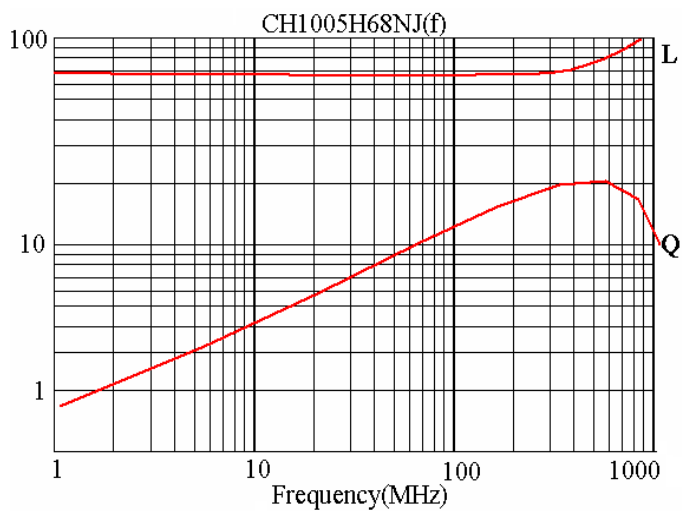
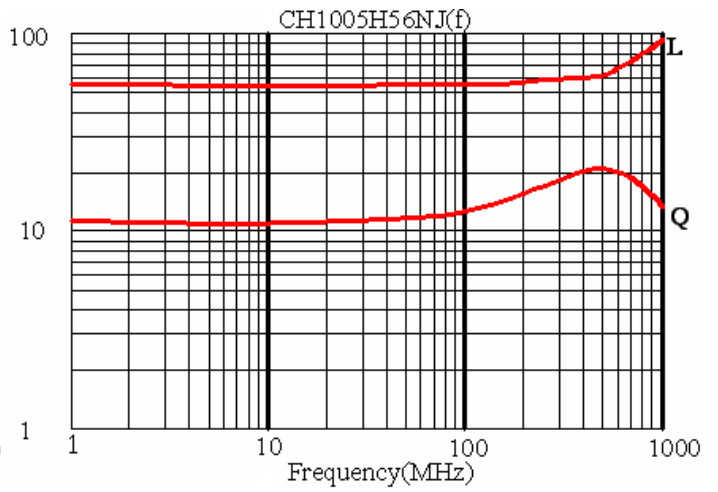
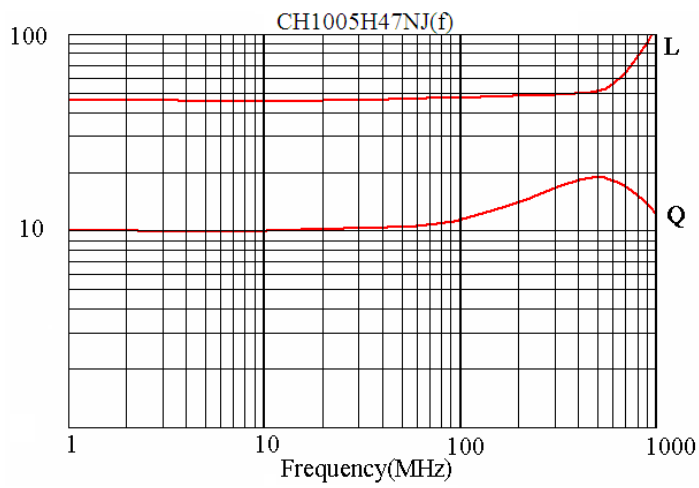
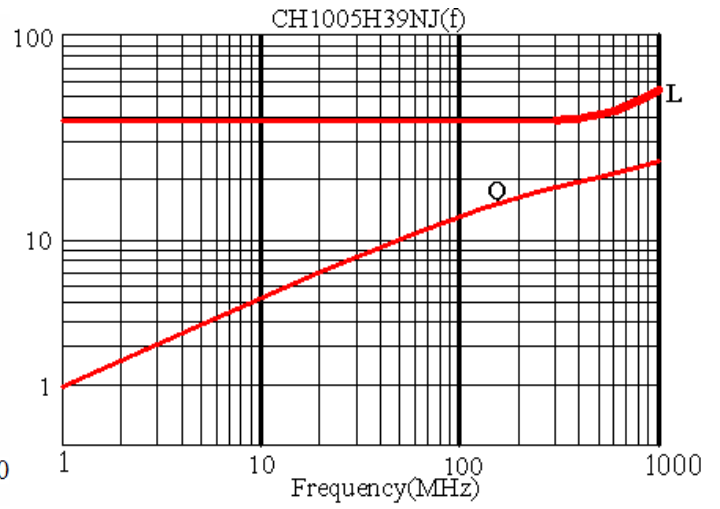
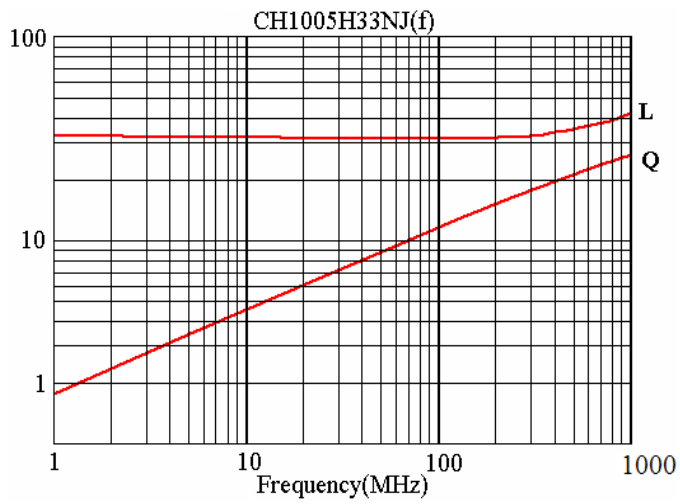
□ : 表示电感量偏差代号为 K、J、D、S。 K:±10%, J:±5%, D:±0.5nH, S:±0.3nH

## CH1005 TYPE

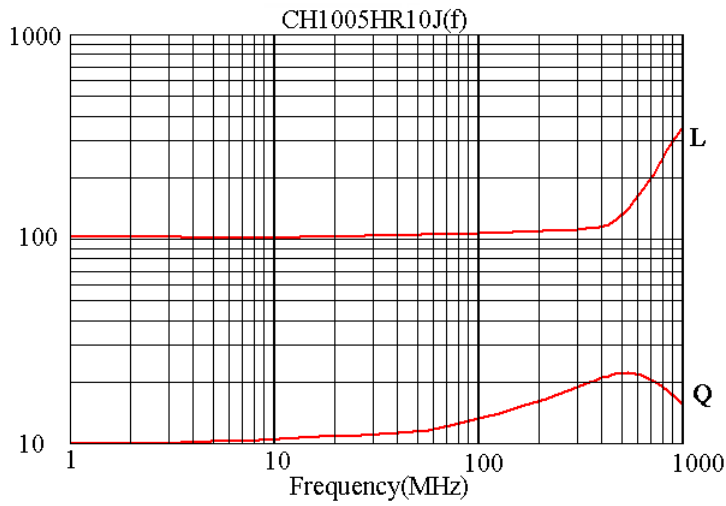




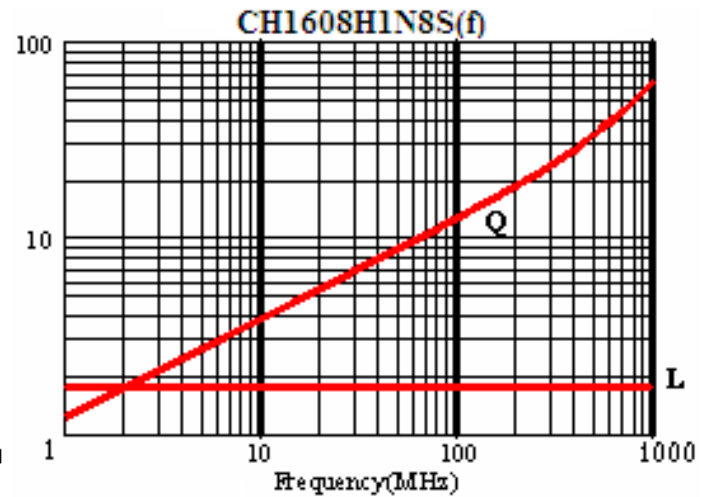
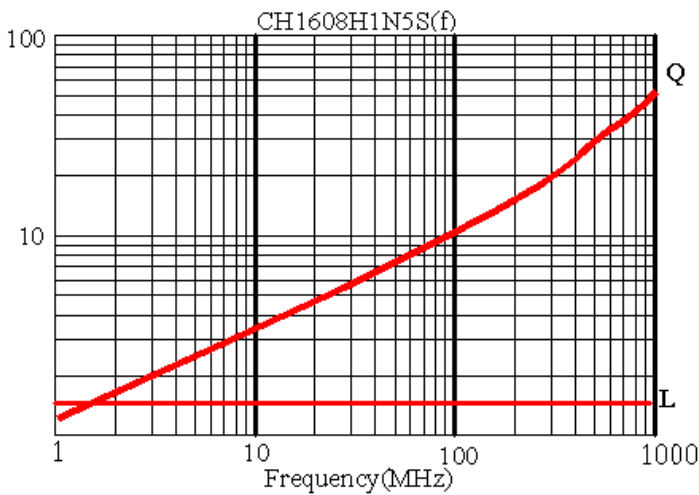
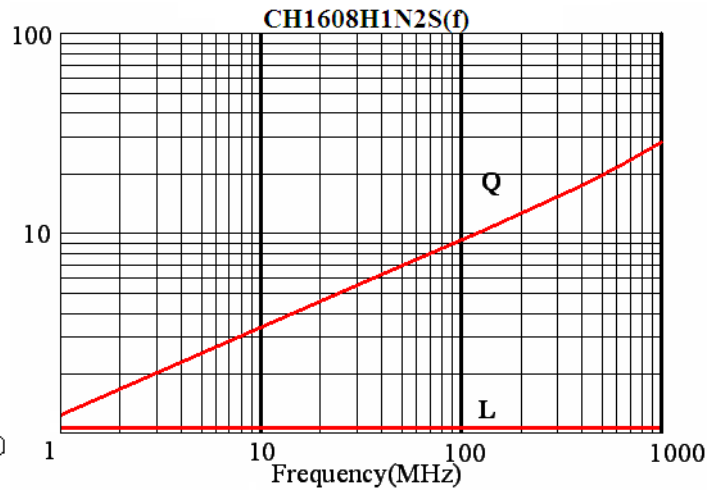
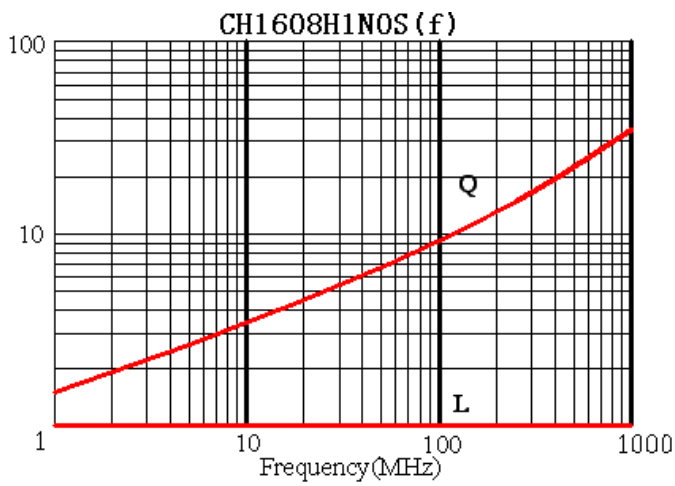


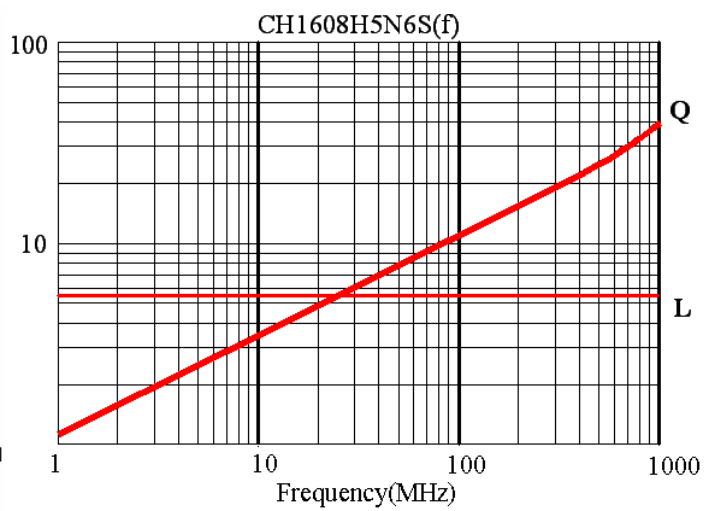
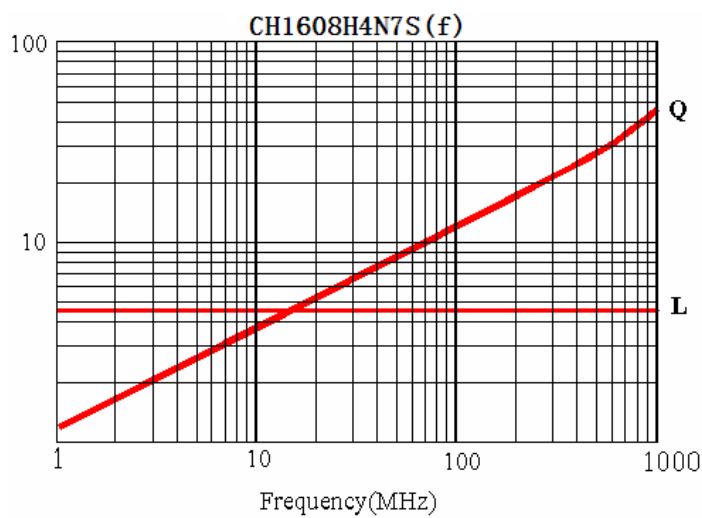
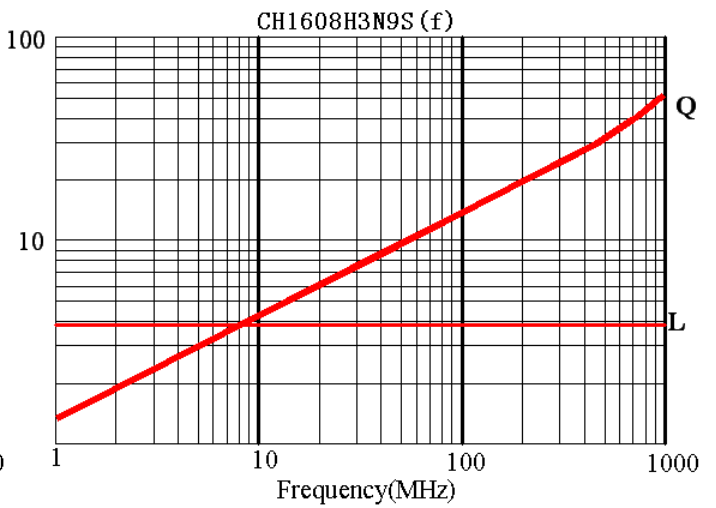
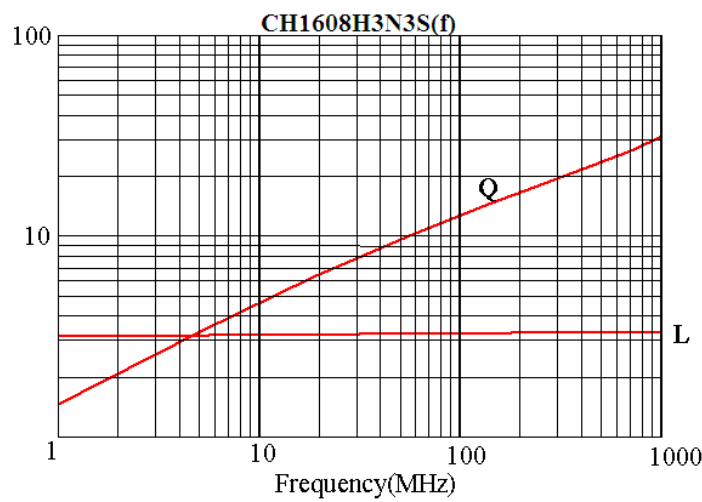
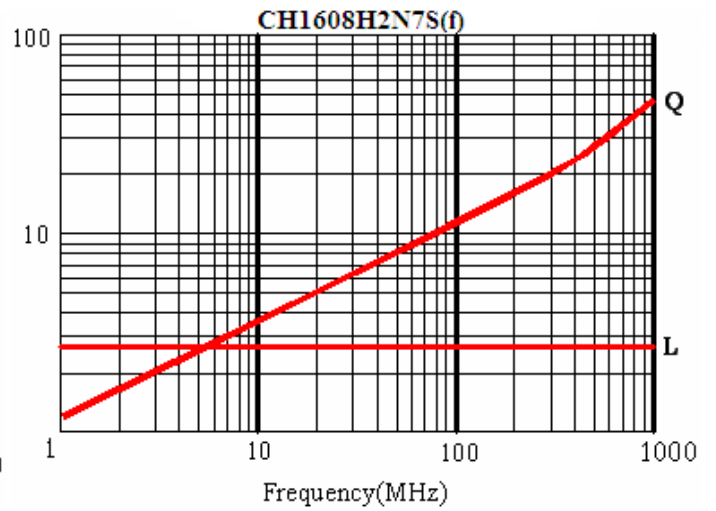
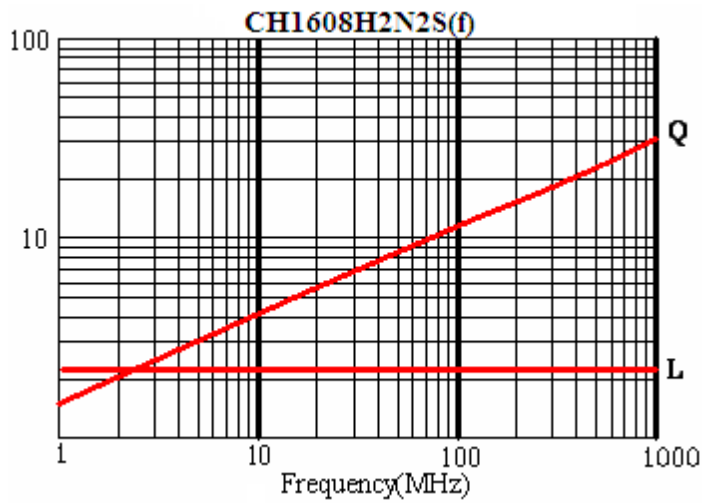


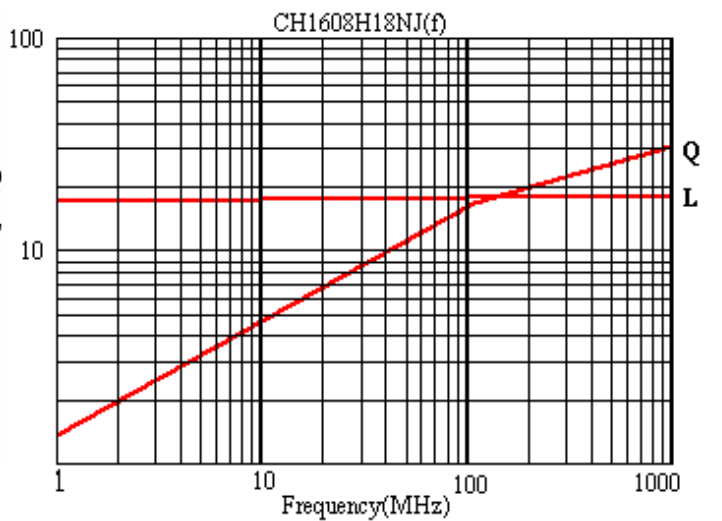
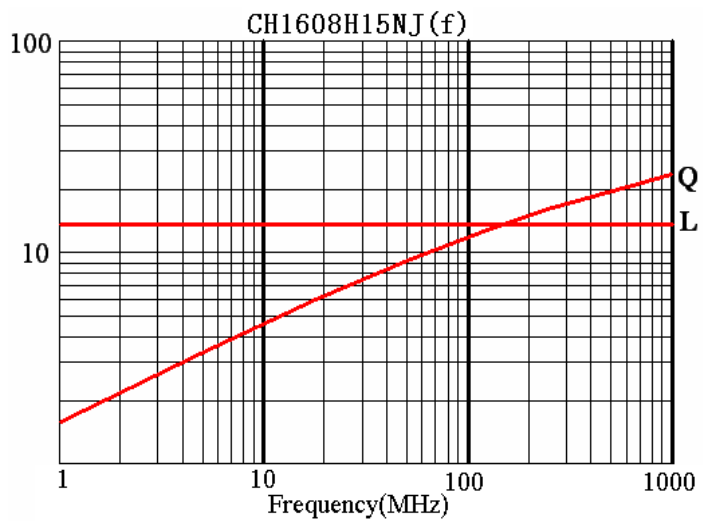
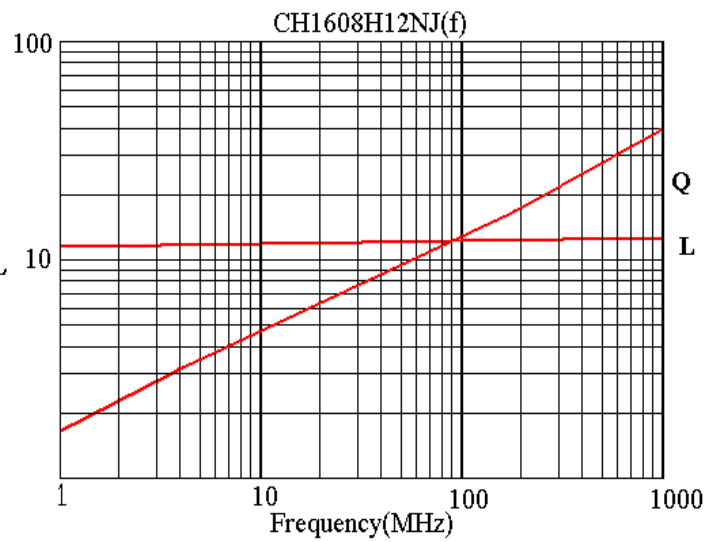
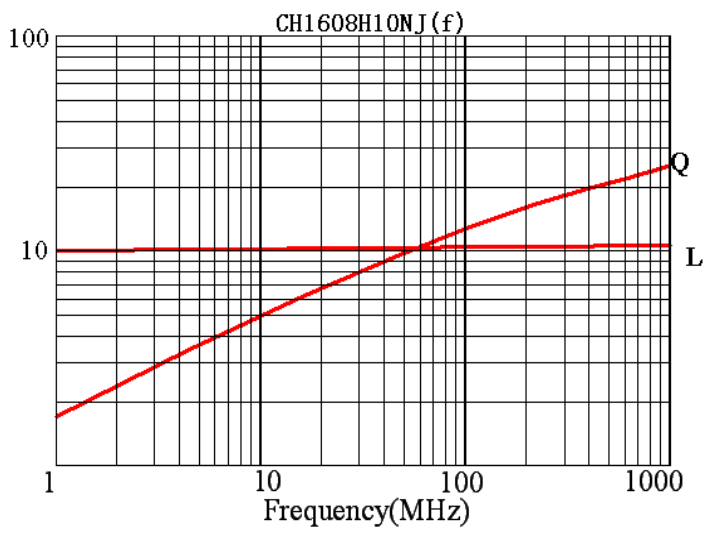
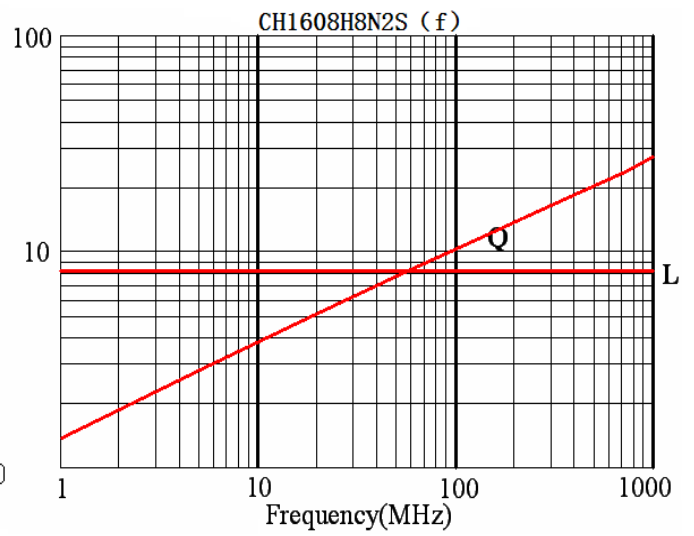
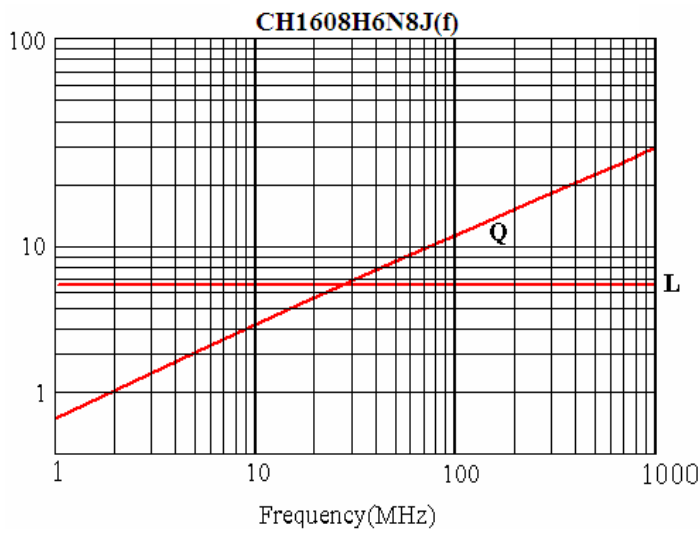


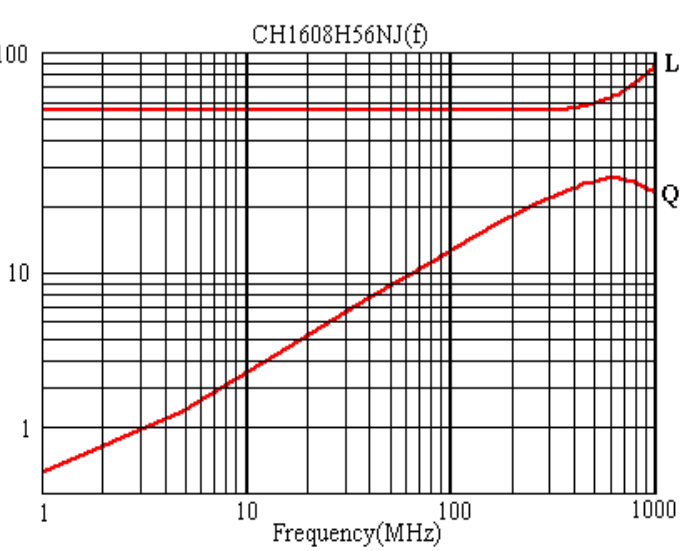
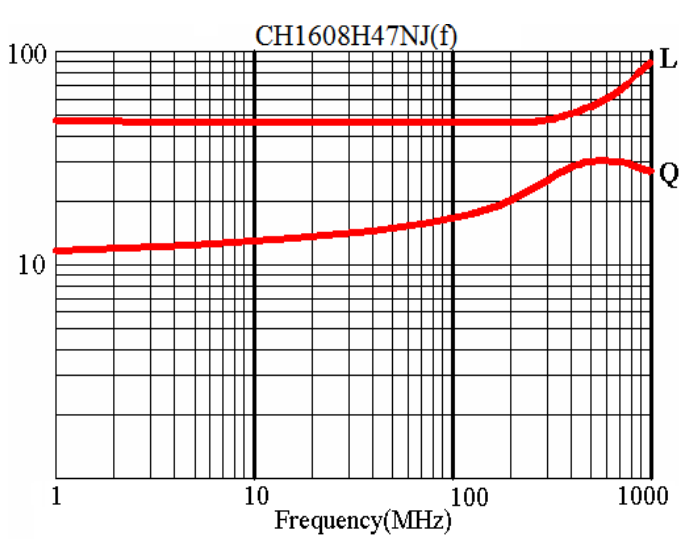
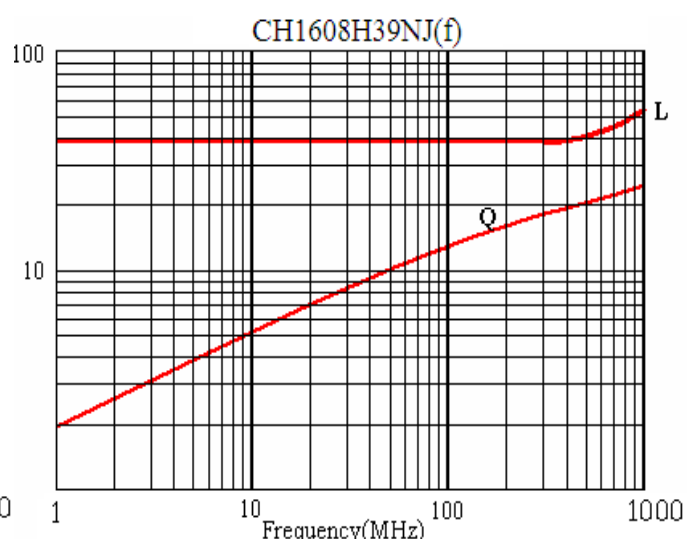
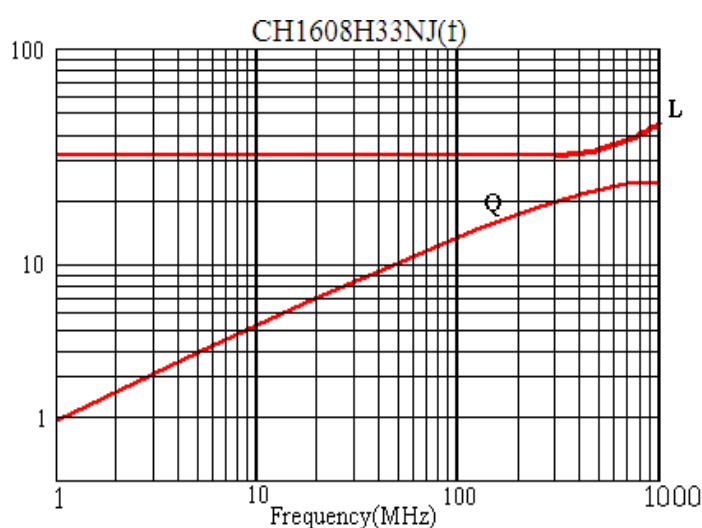
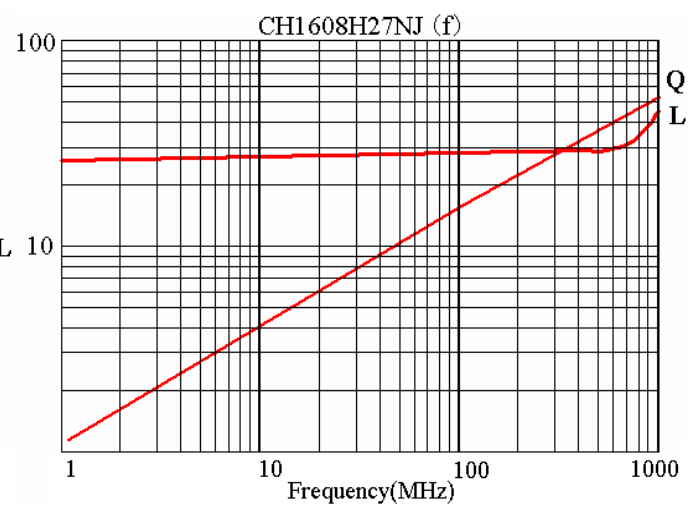
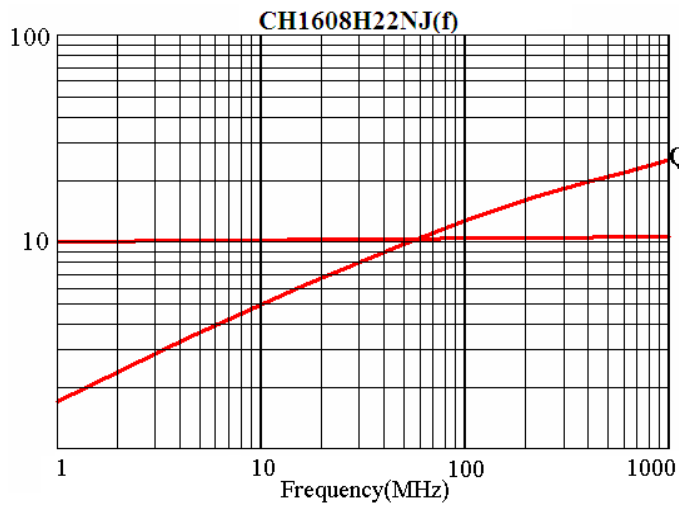


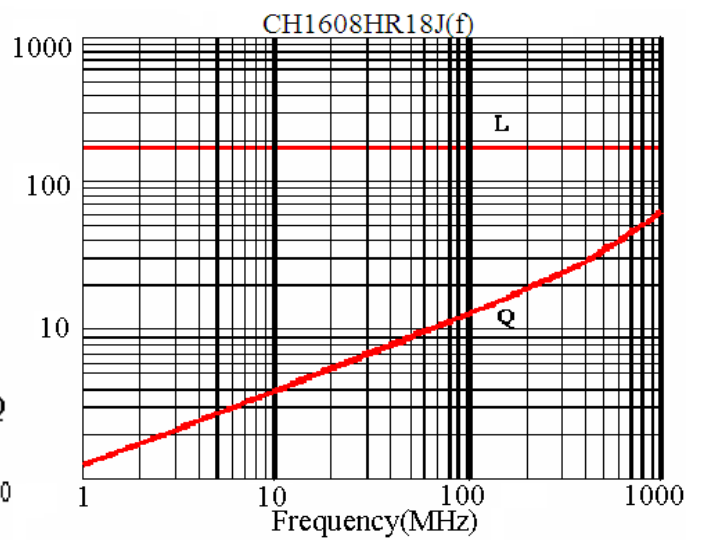
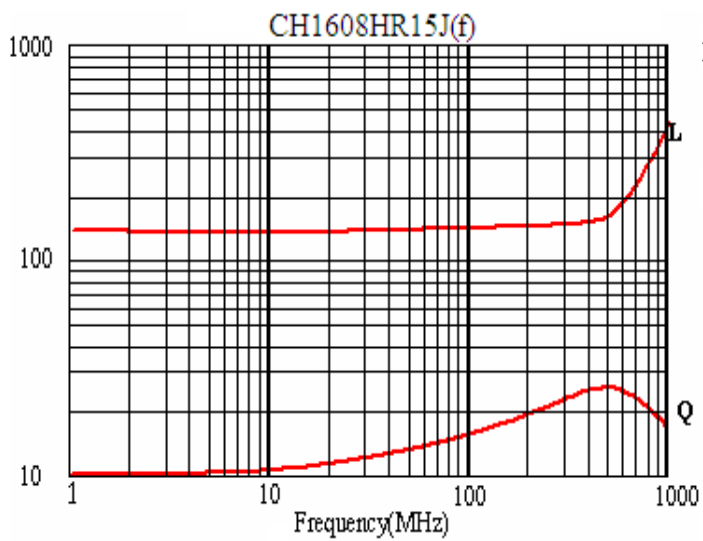
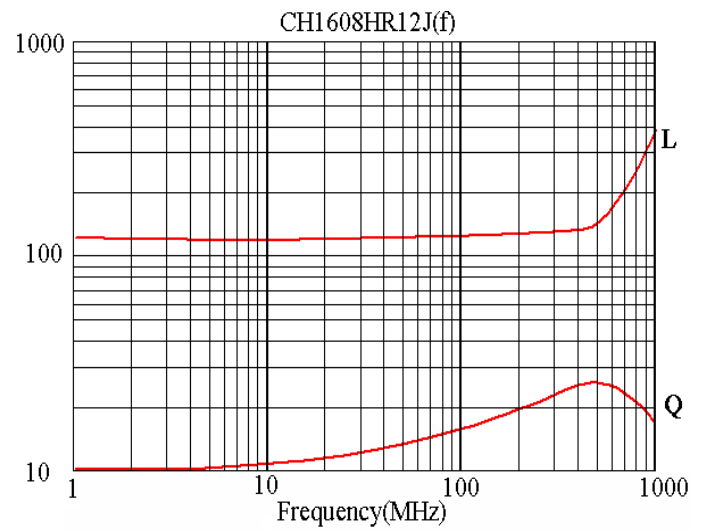
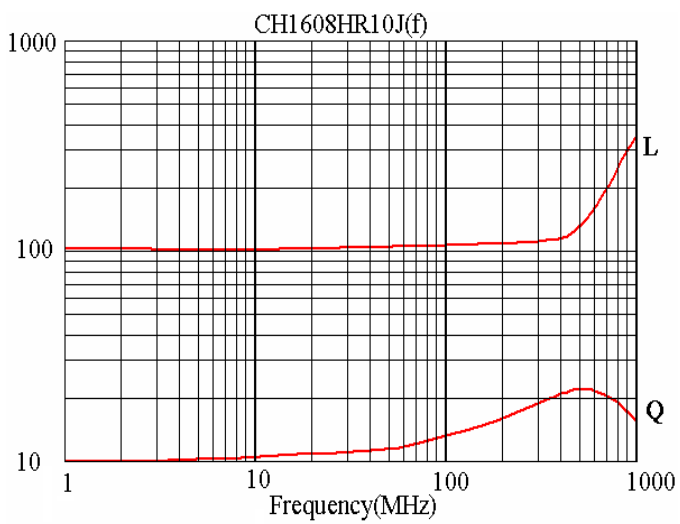
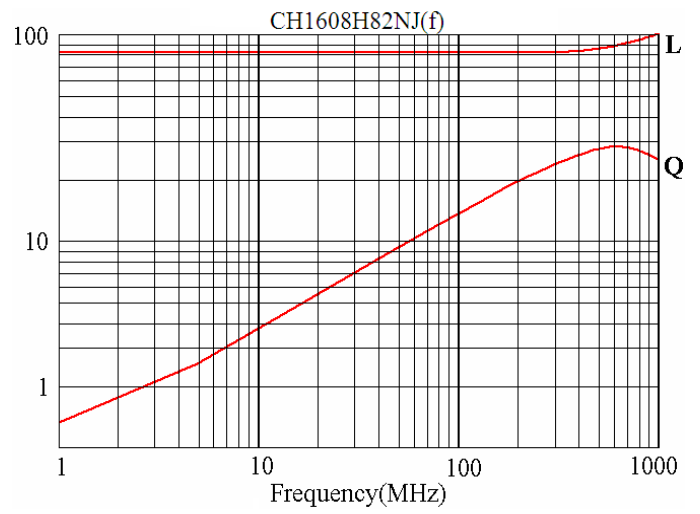
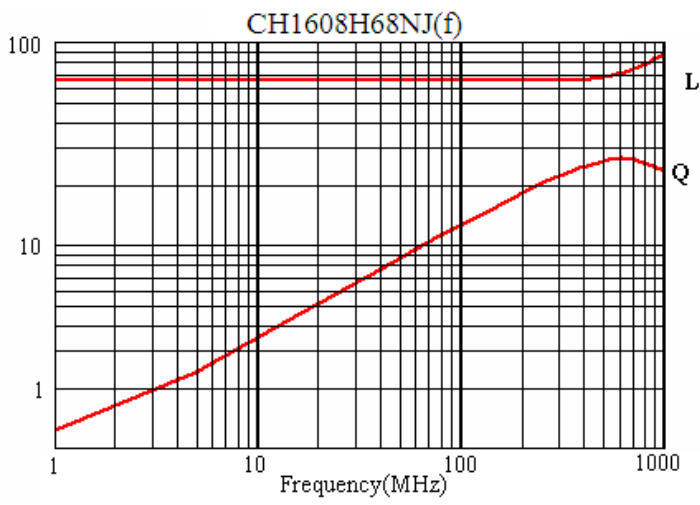
**CH1608 TYPE**

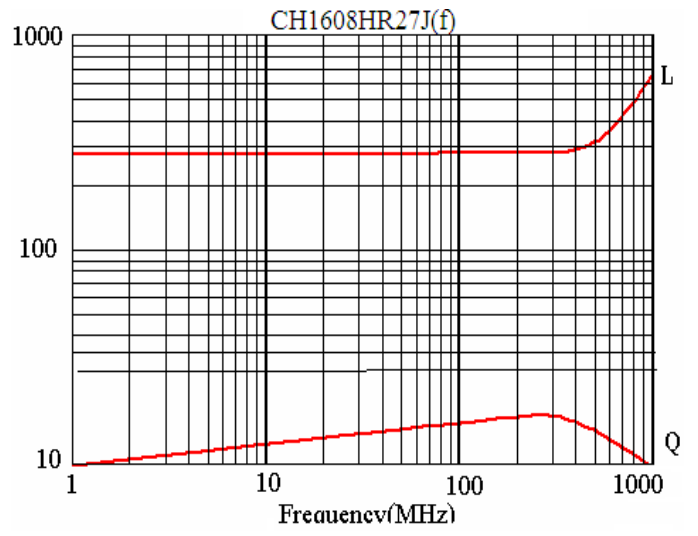
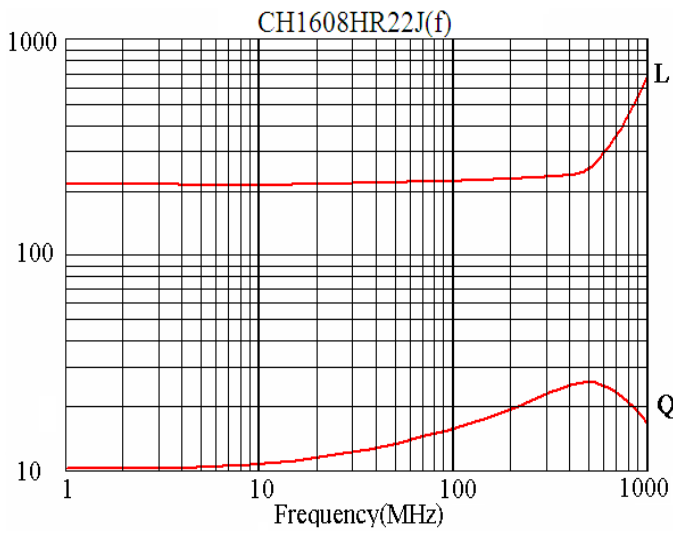




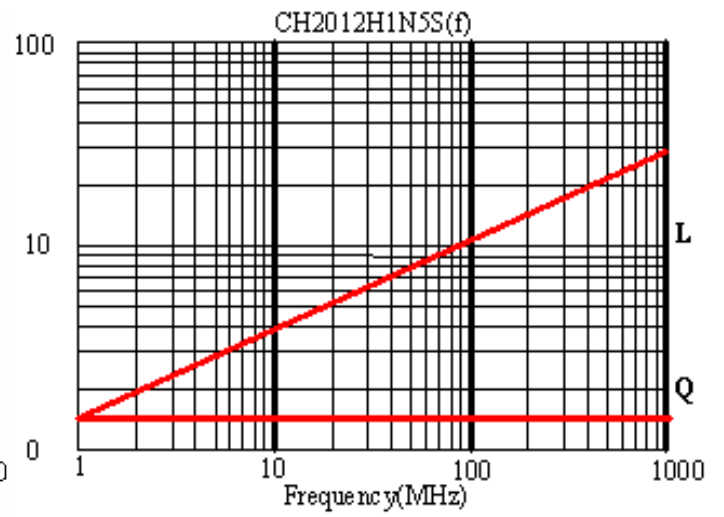
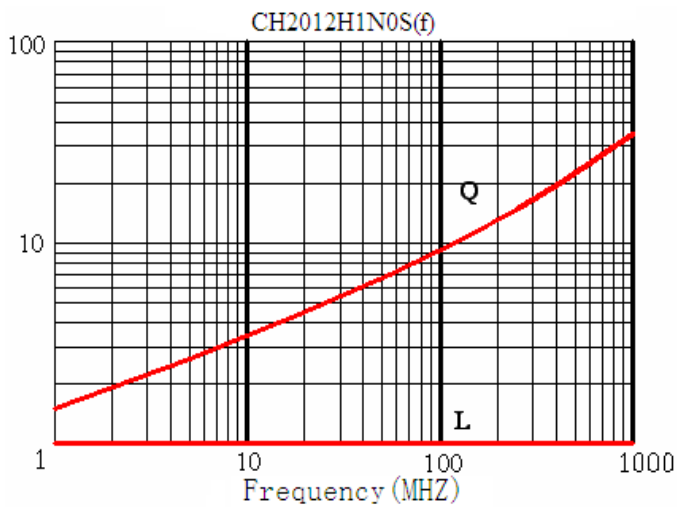


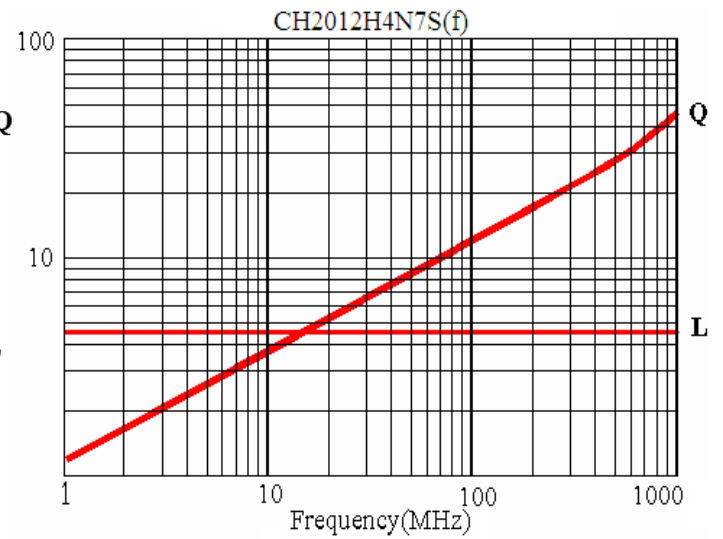
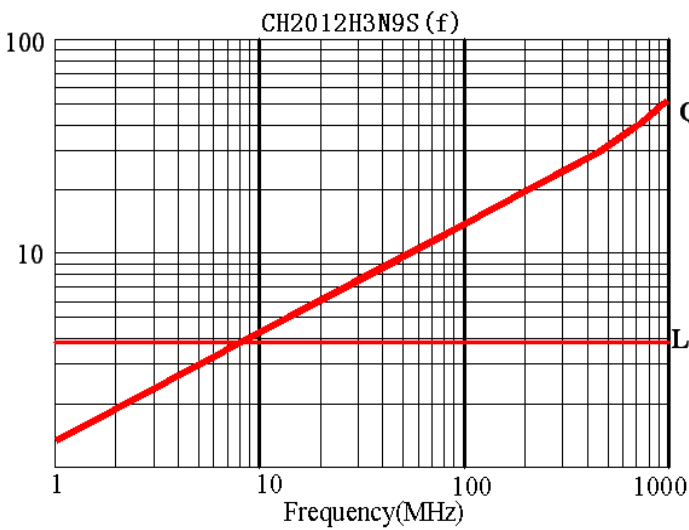
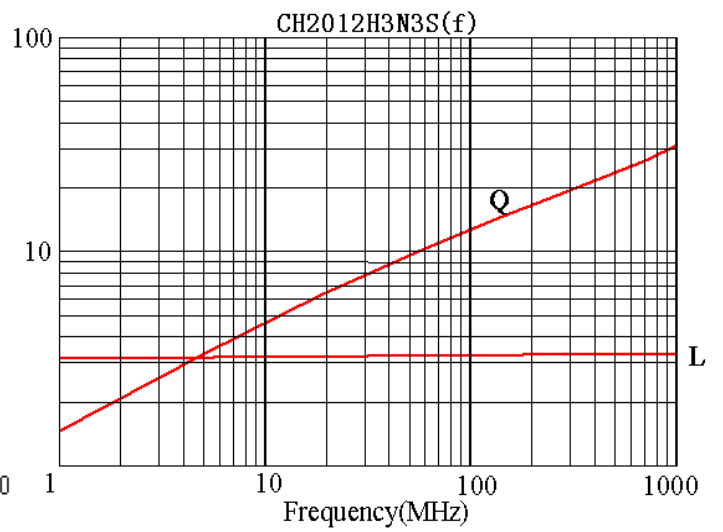
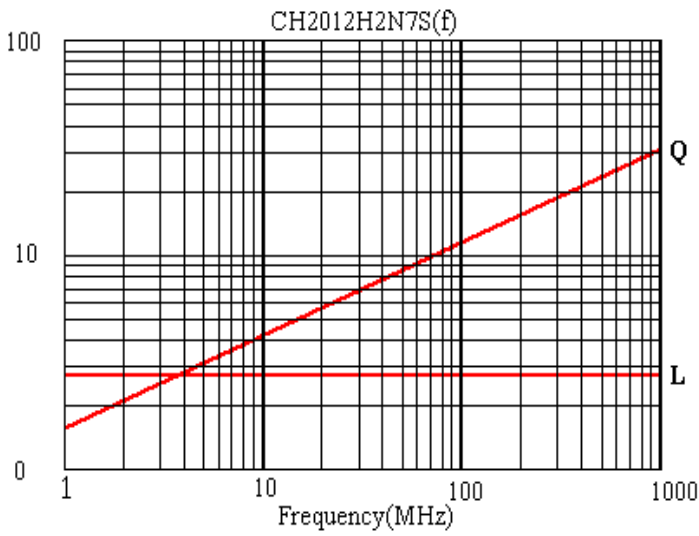
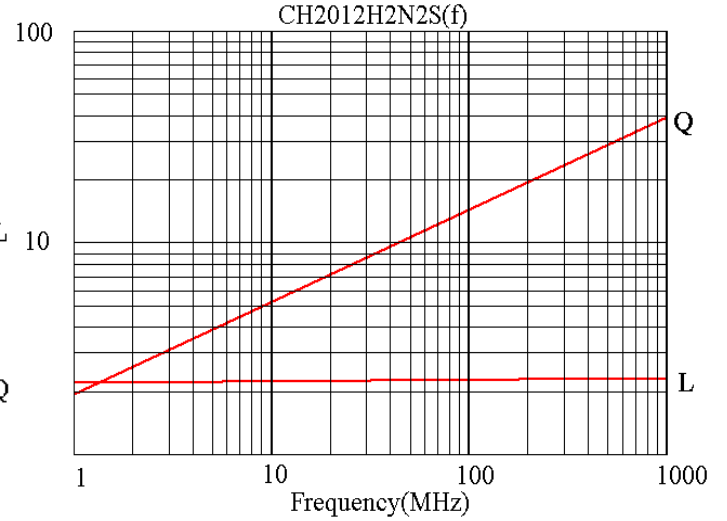
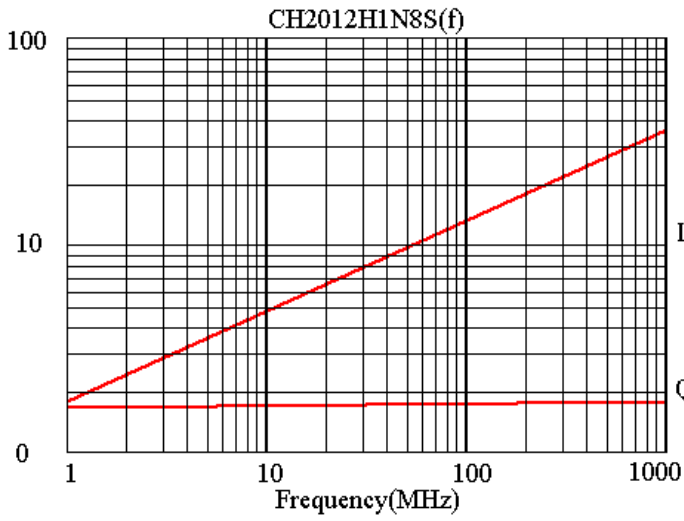


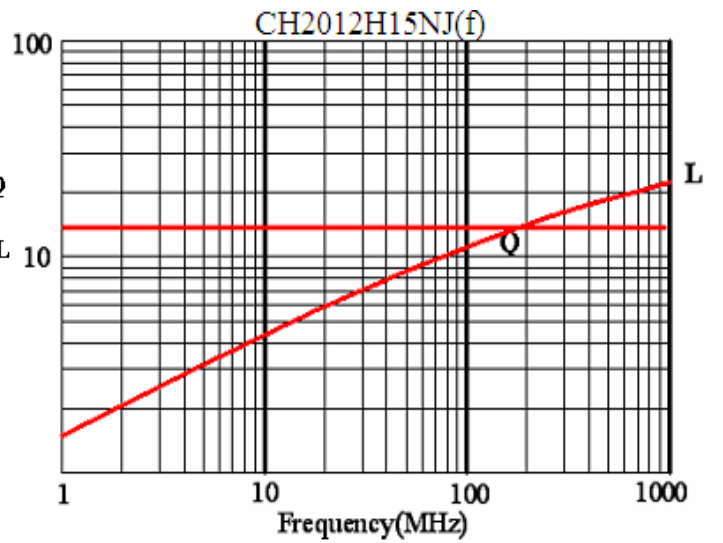
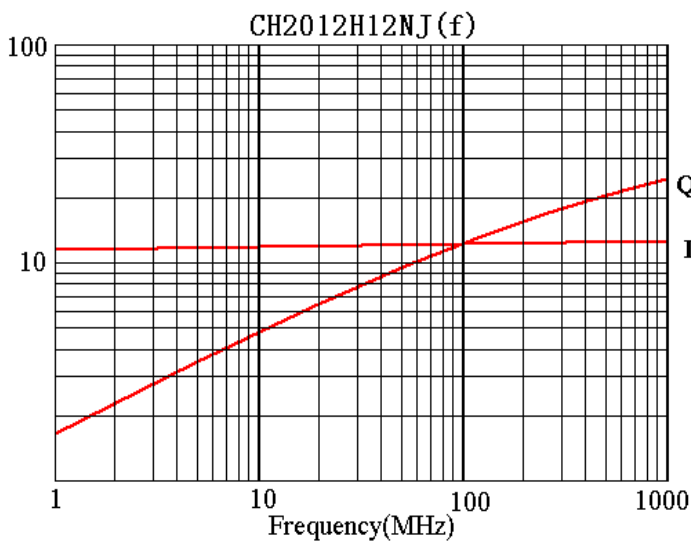
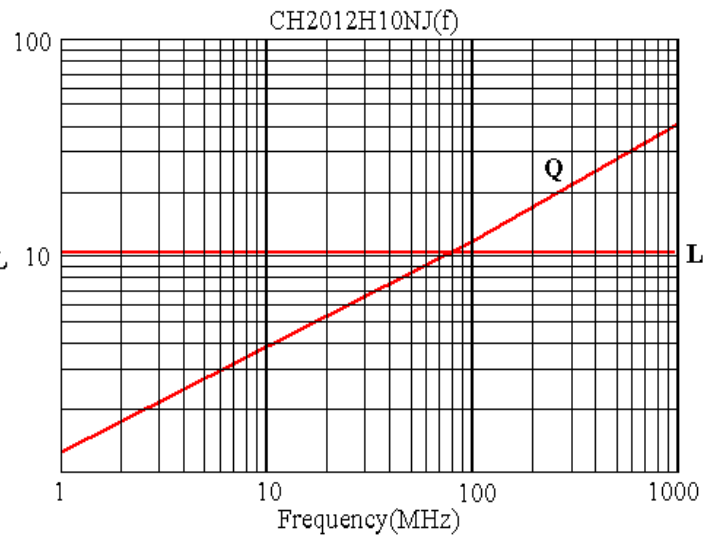
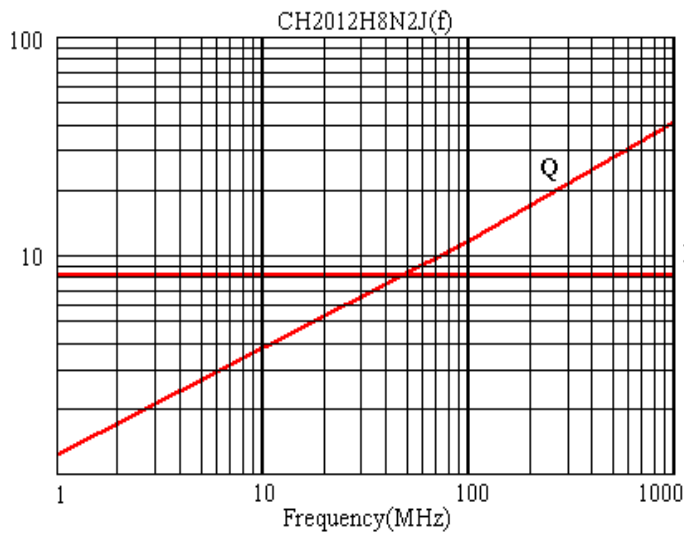
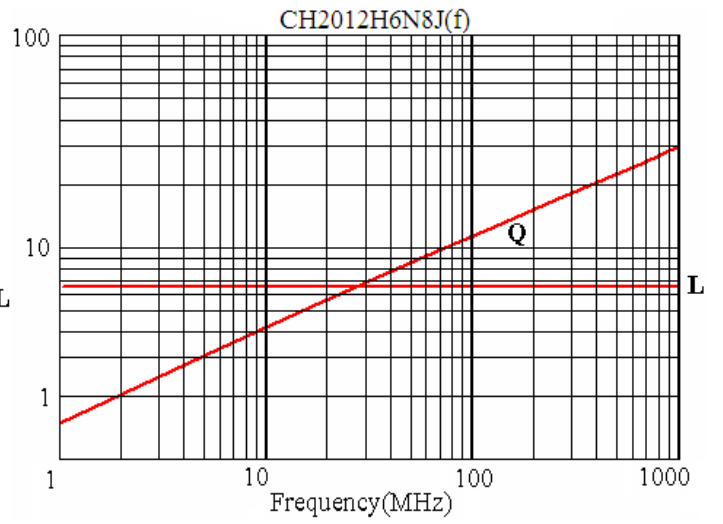
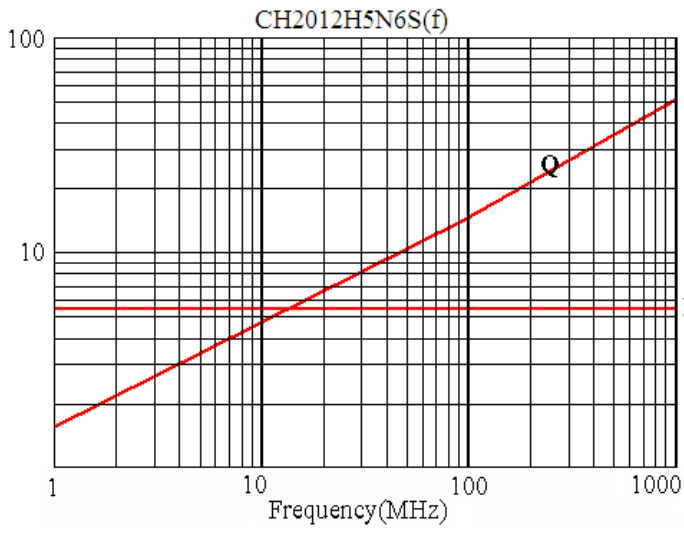




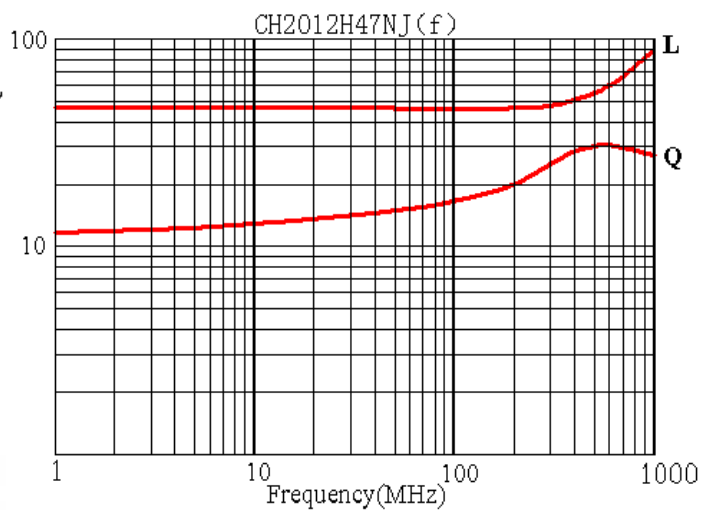
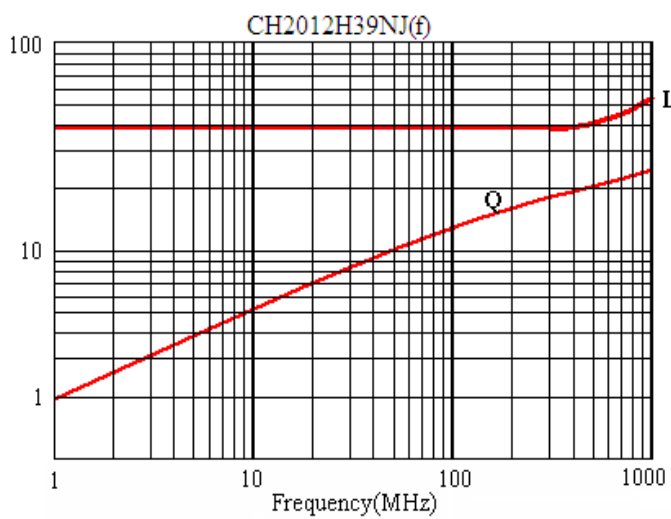
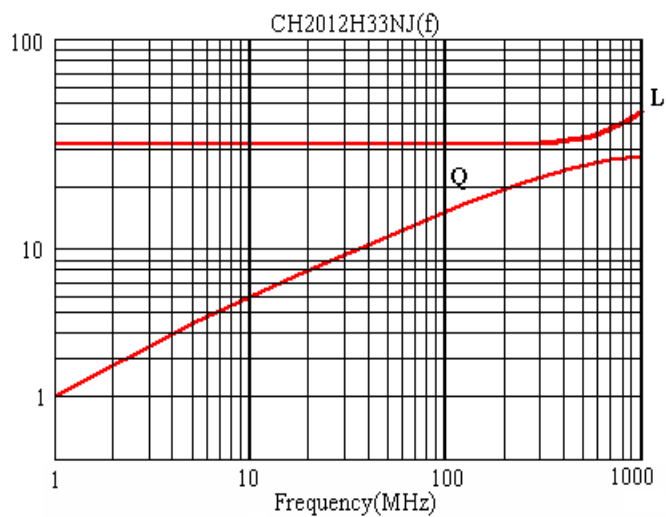
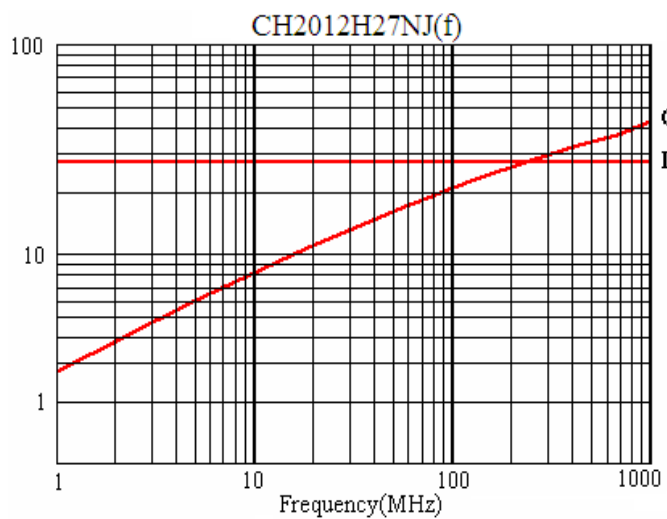
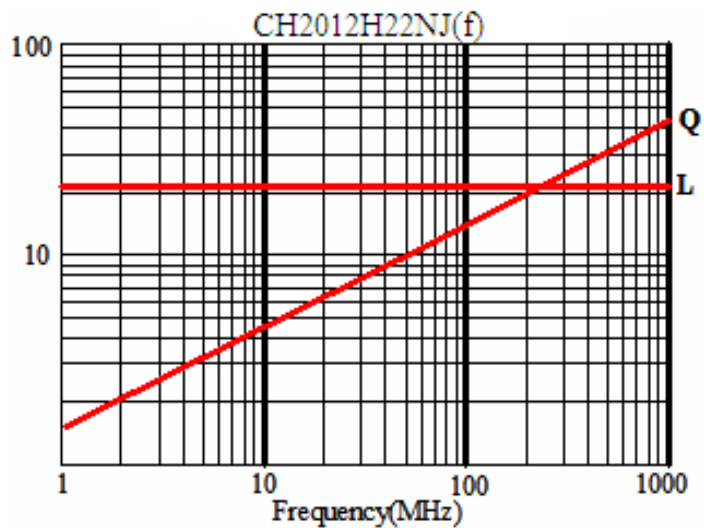
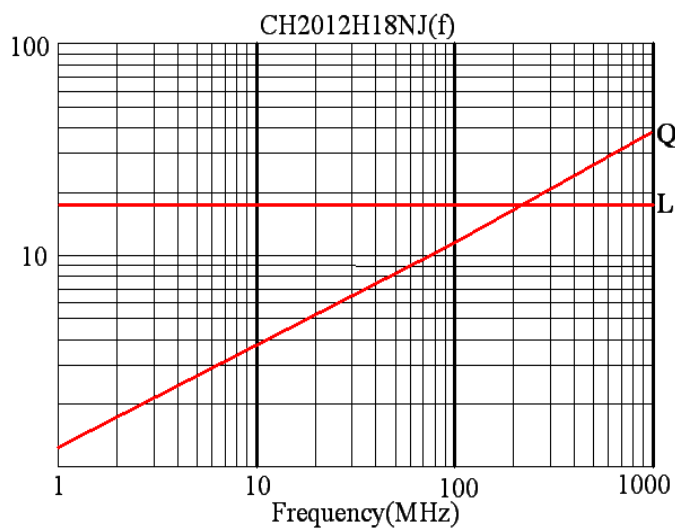
**CH2012 TYPE**

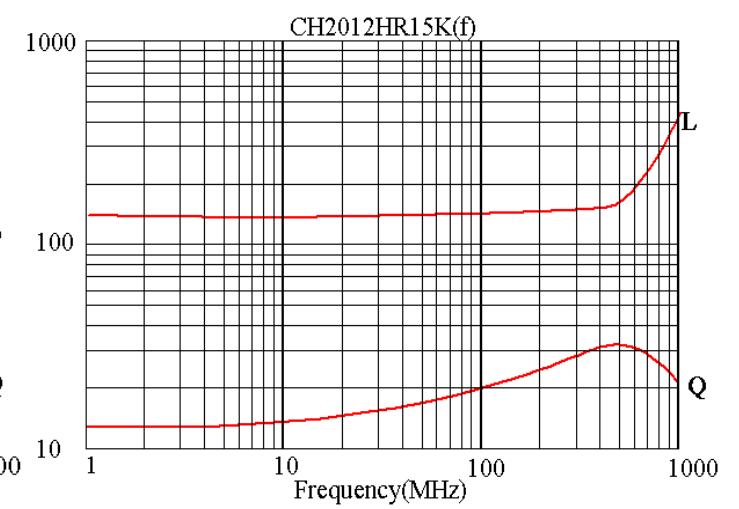
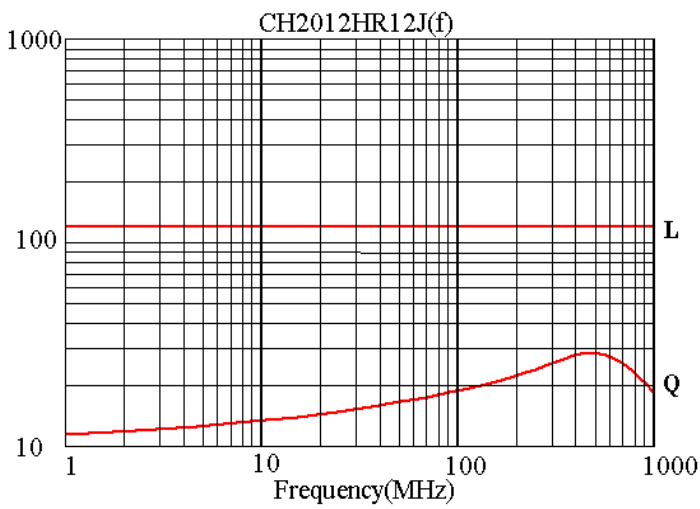
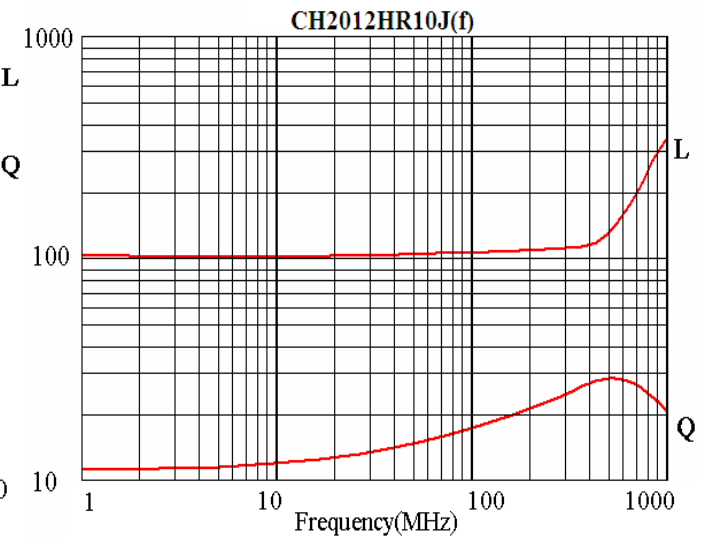
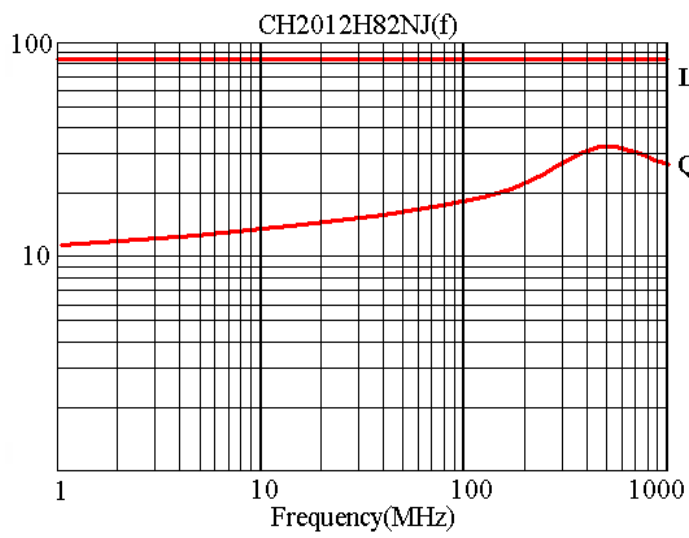
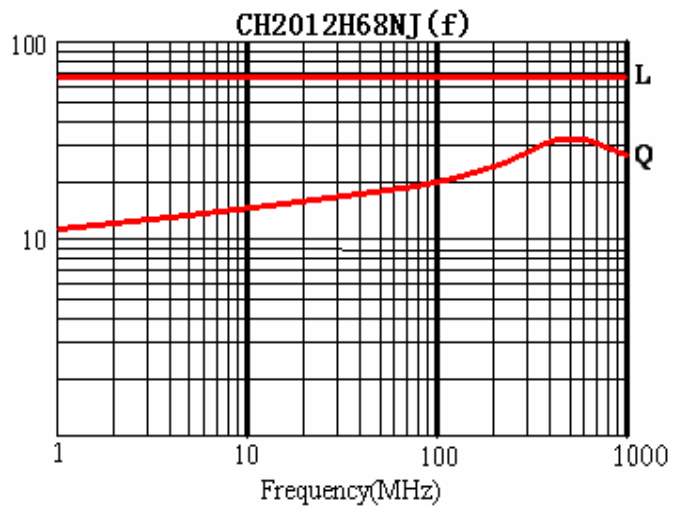
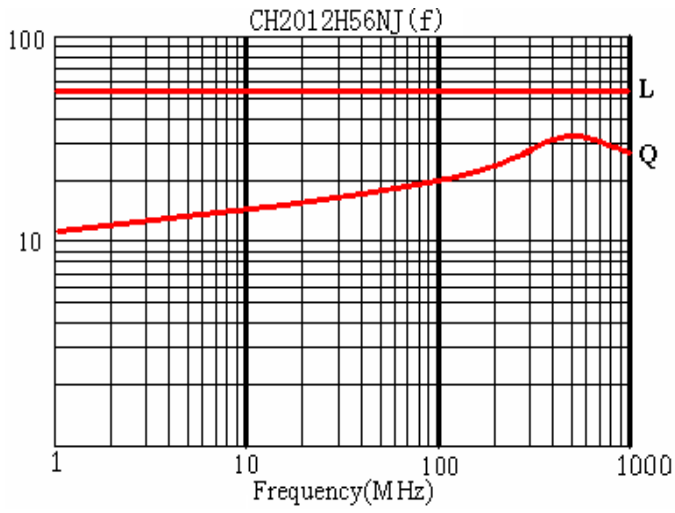












CH2012HR22J(f)

