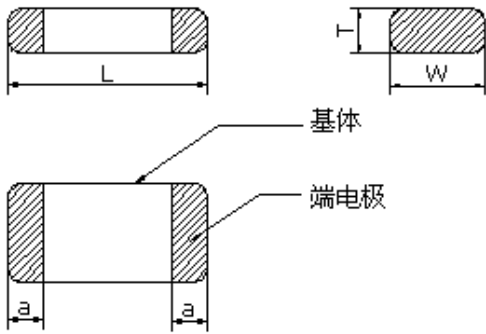


CH Series Specification

1 Scope: This specification applies to MULTILAYER CHIP FERRITE BEADS

2 Shape And Dimensions



| Type | Dimensions in mm | | | |
|--------|-------------------------------------|-----------|-----------|---------------------------------|
| | L | W | T | a ₁ , a ₂ |
| 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 ^{+0.3} _{-0.1} | 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 IMPEDAN CANALYZER.

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(Ω) | 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(Ω) | 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 |

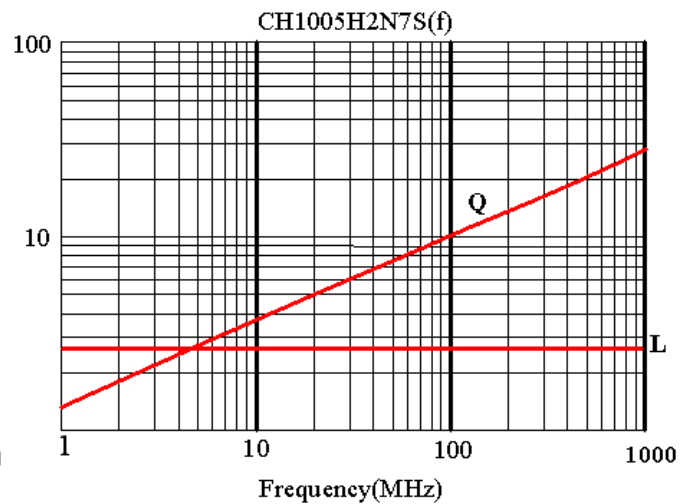
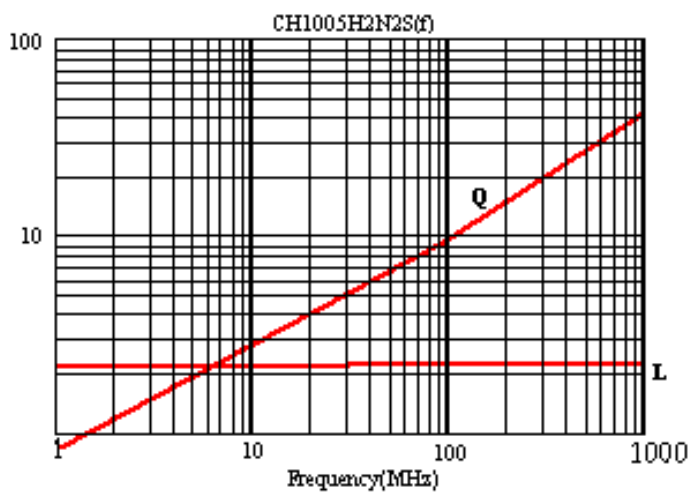
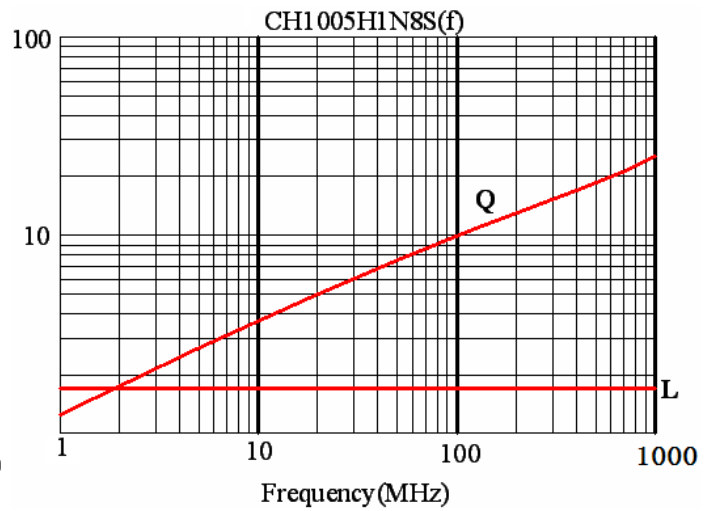
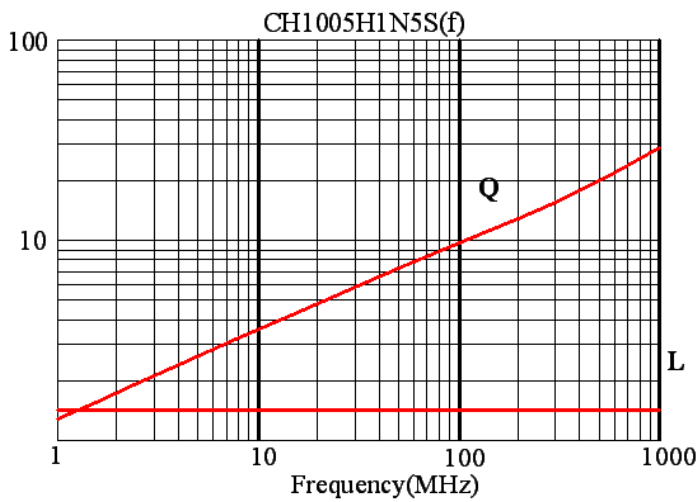
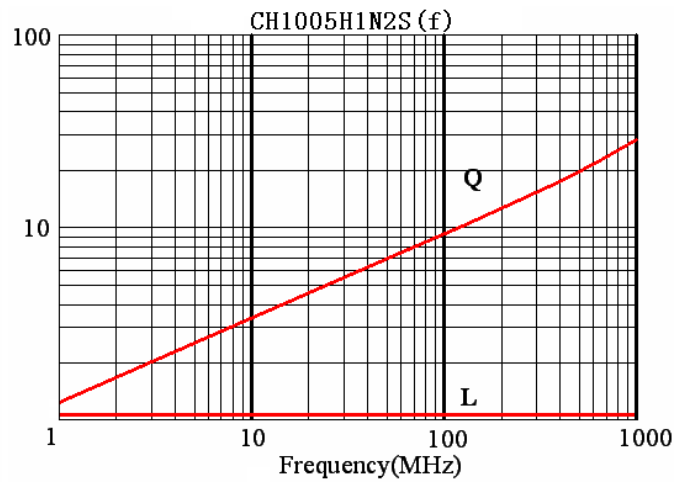
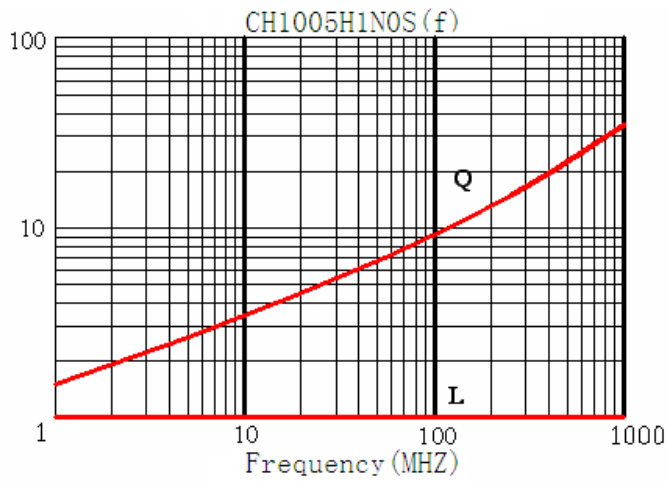
□ : 表示电感量偏差代号为 K、J、D、S。 K:±10%, J:±5%, D:±0.5nH, S:±0.3nH

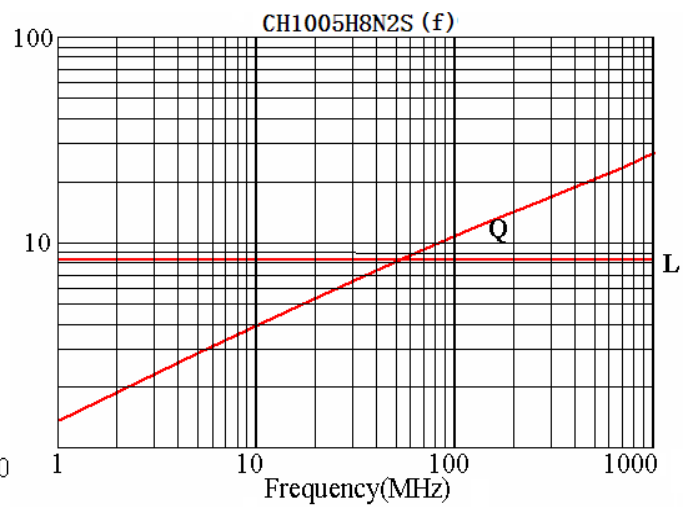
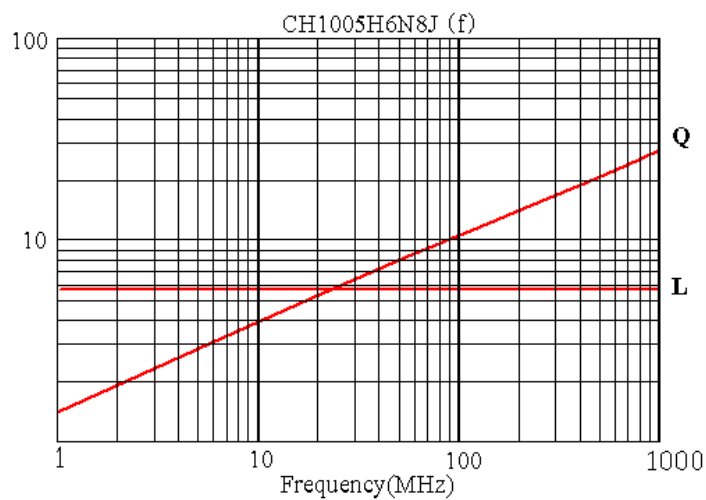
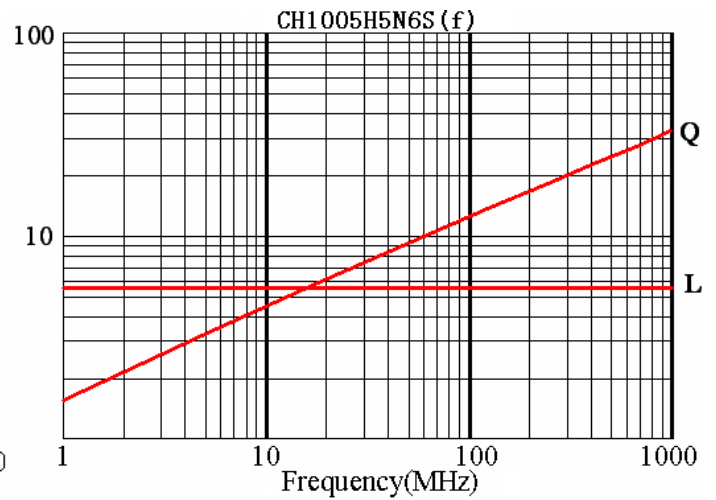
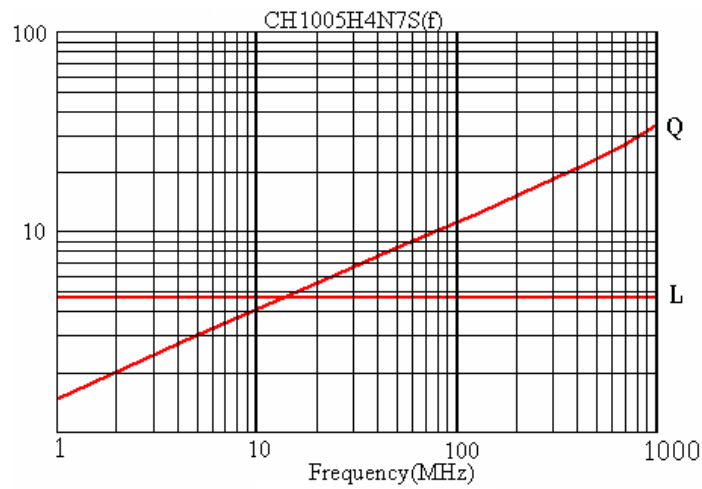
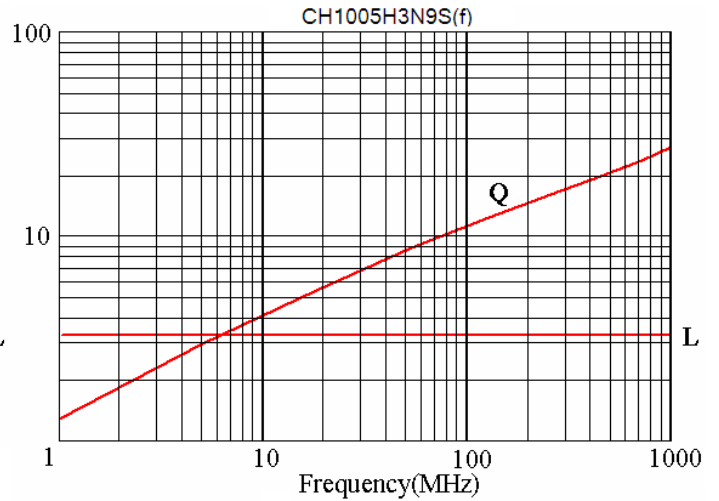
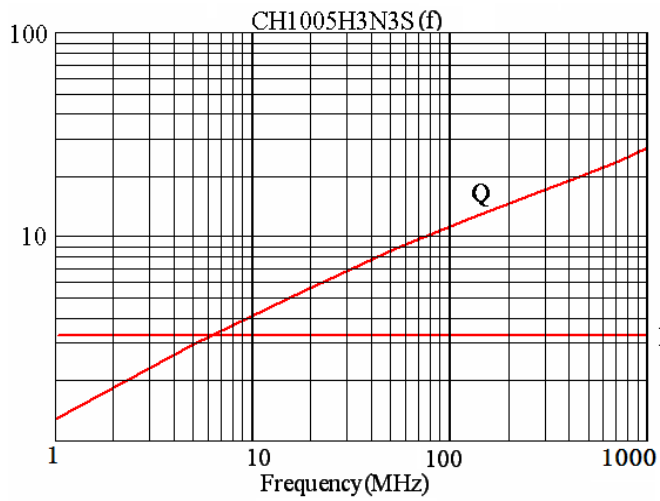
CH2012 型

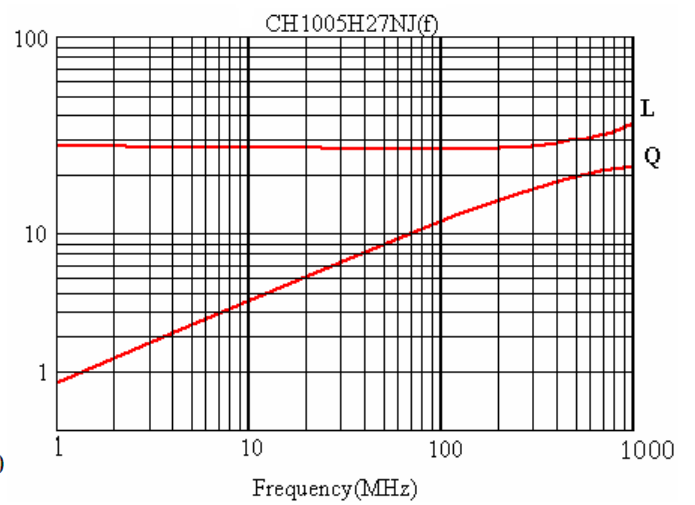
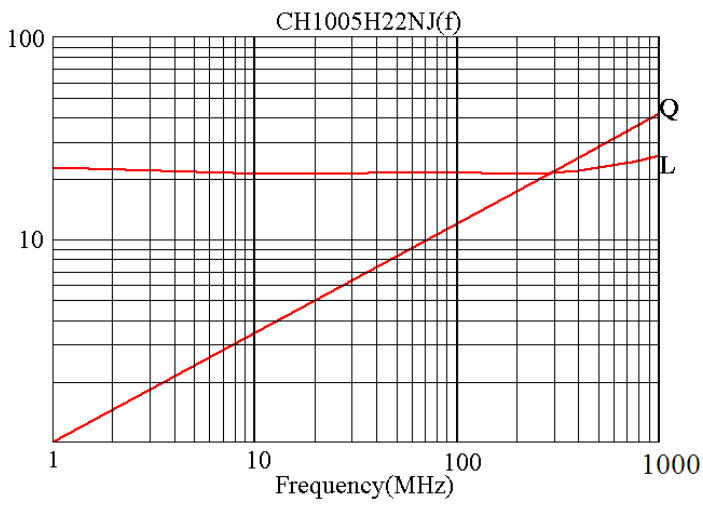
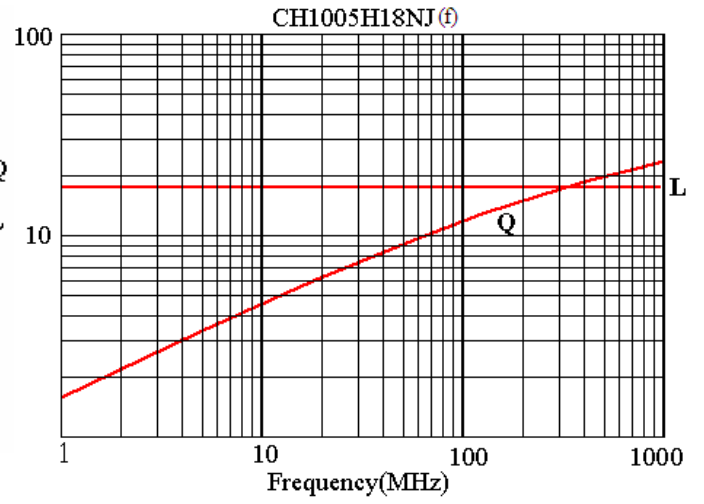
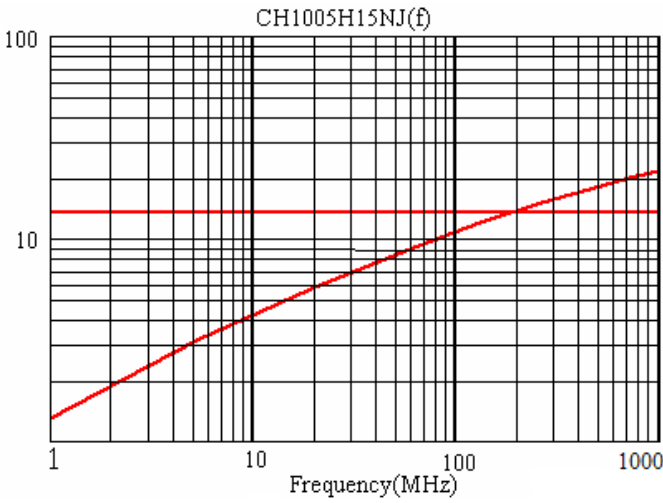
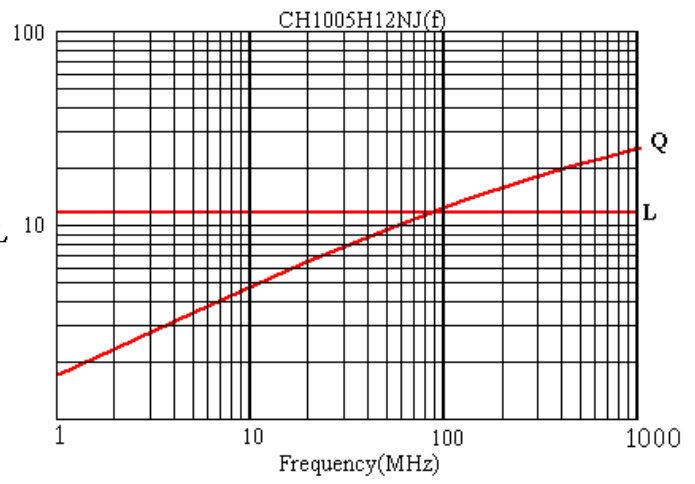
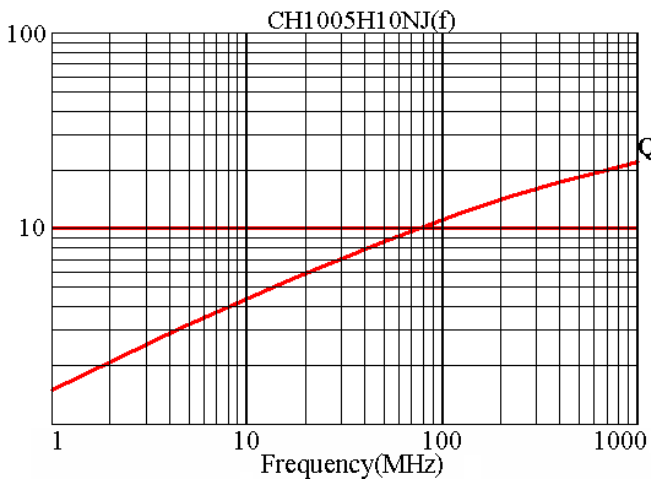
| 产品规格代码 | 电感量 L (nH) | Q min 值 | L、Q 测定频率 MHz | 自谐频率 SRFmin (MHz) | 直流电阻 DCR max(Ω) | 额定电流 Imax (mA) |
|--------------|---------------|---------|-----------------|----------------------|--------------------|-------------------|
| CH2012H 1N0□ | 1.0 | 10 | 100 | >3000 | 0.10 | 600 |
| CH2012H 1N5□ | 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 |

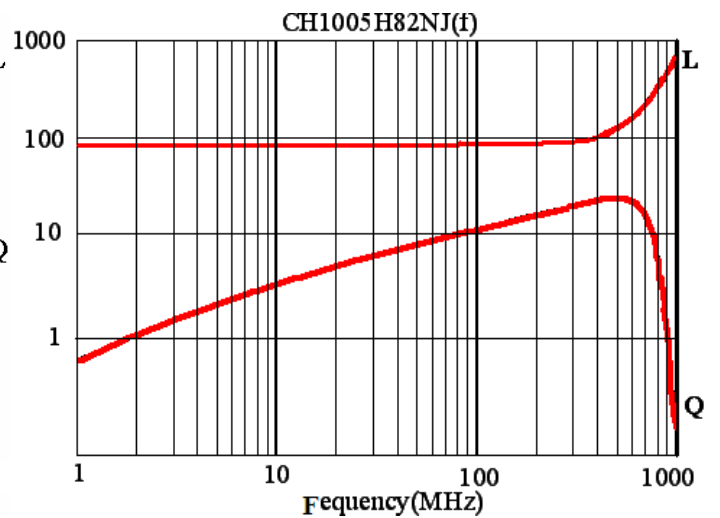
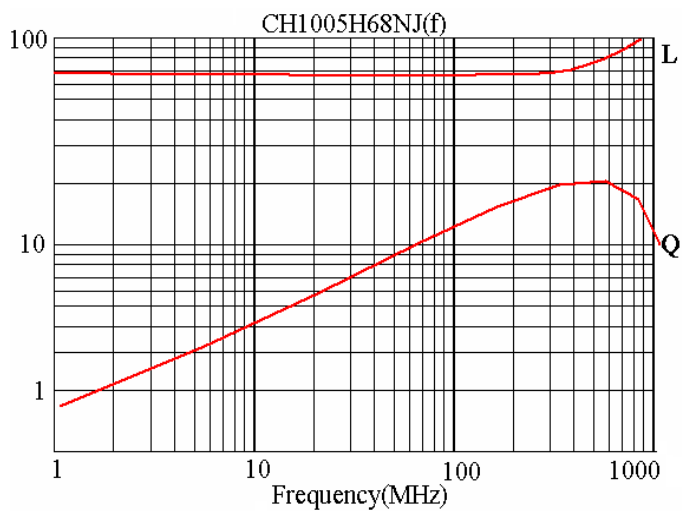
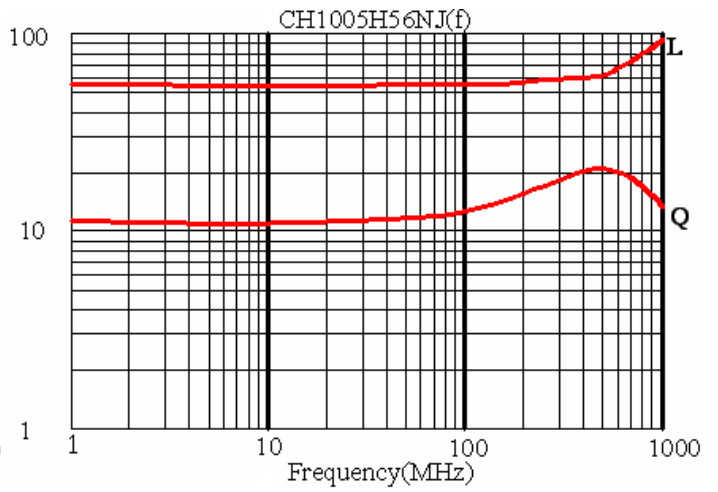
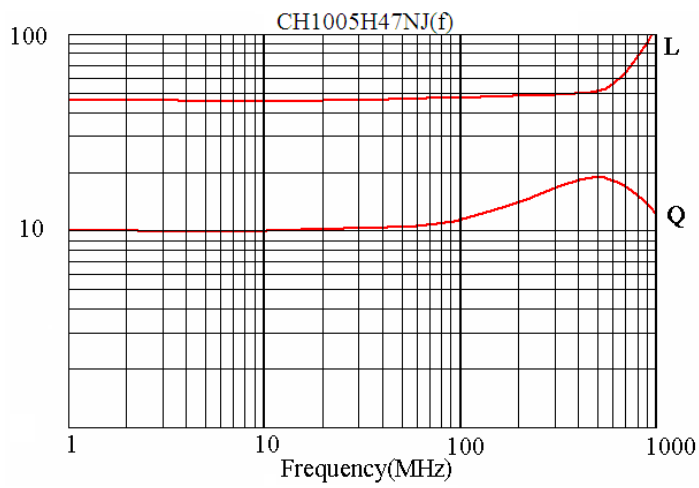
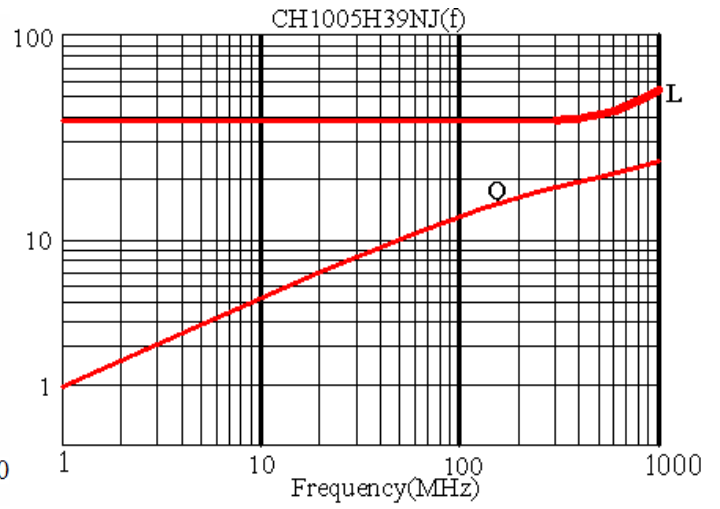
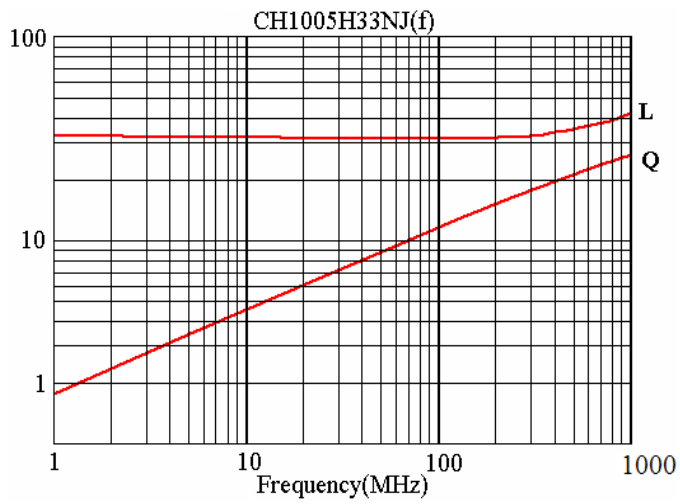
□ : 表示电感量偏差代号为 K、J、D、S。 K:±10%, J:±5%, D:±0.5nH, S:±0.3nH

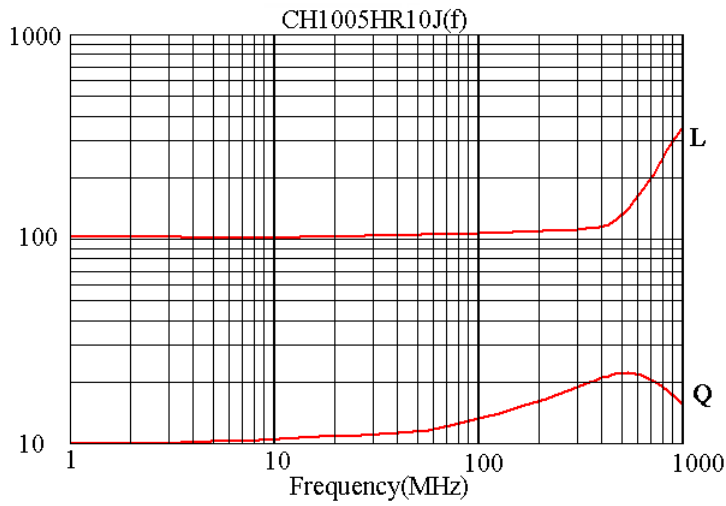
CH1005 TYPE



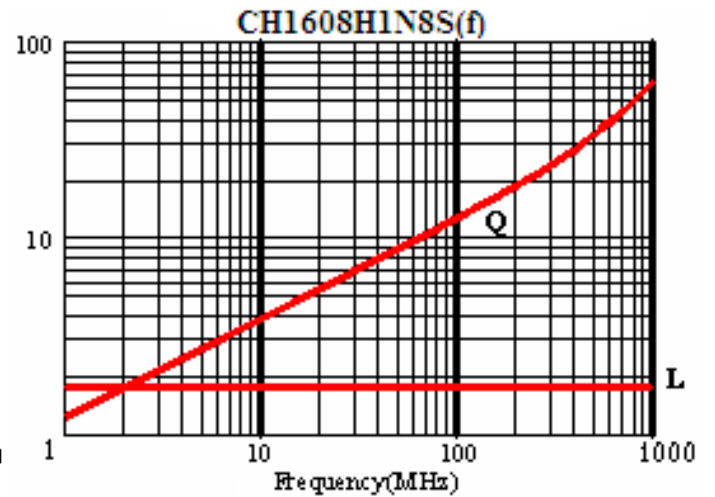
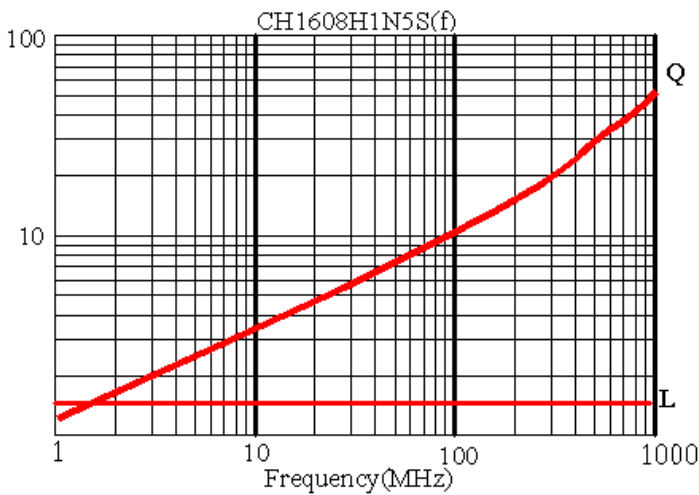
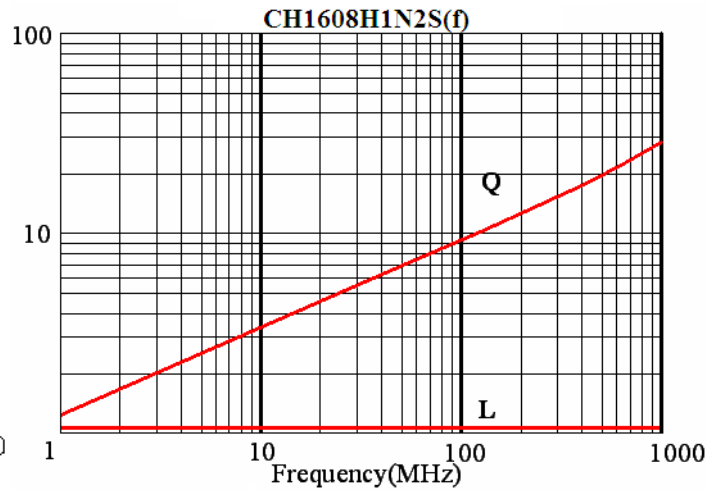
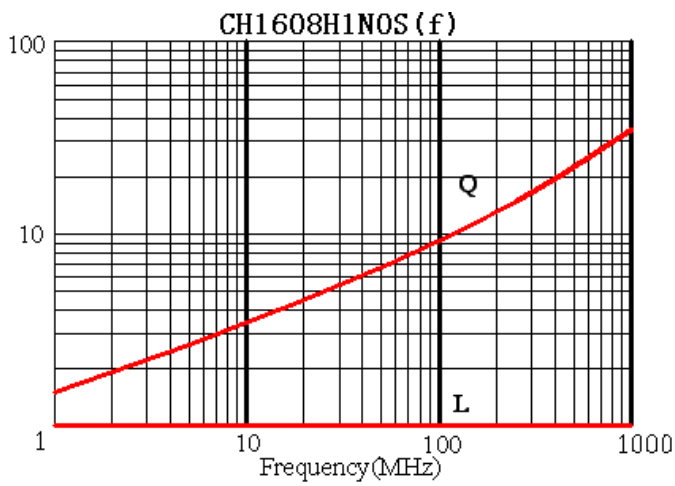


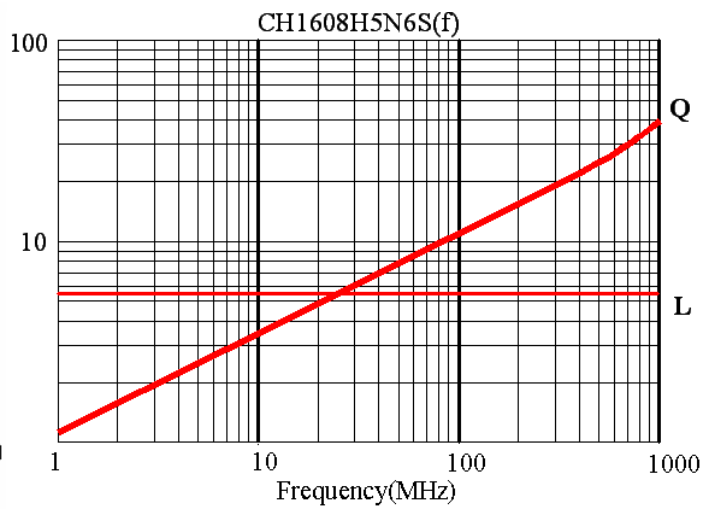
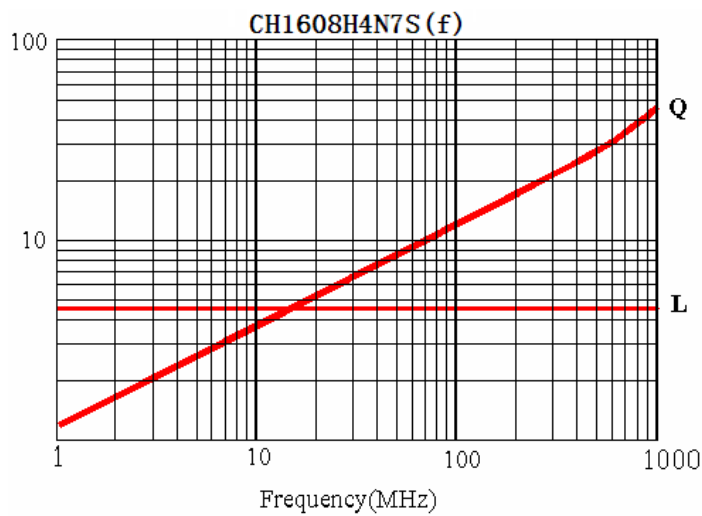
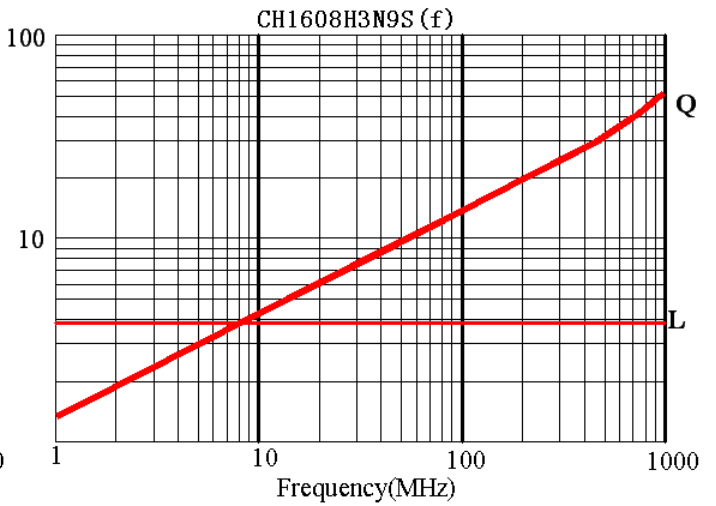
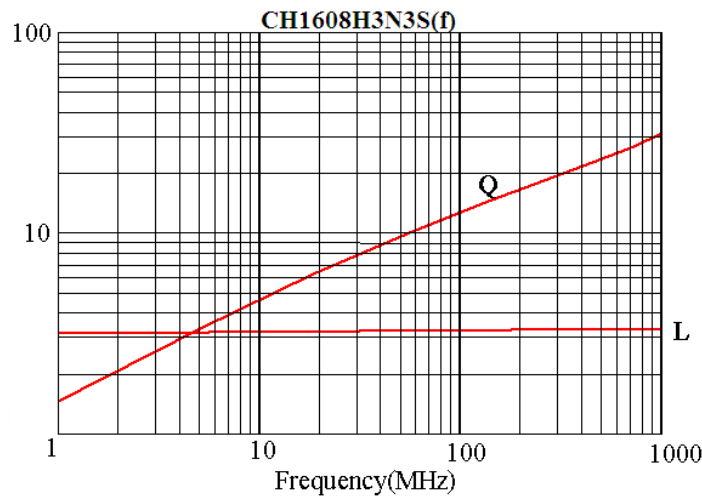
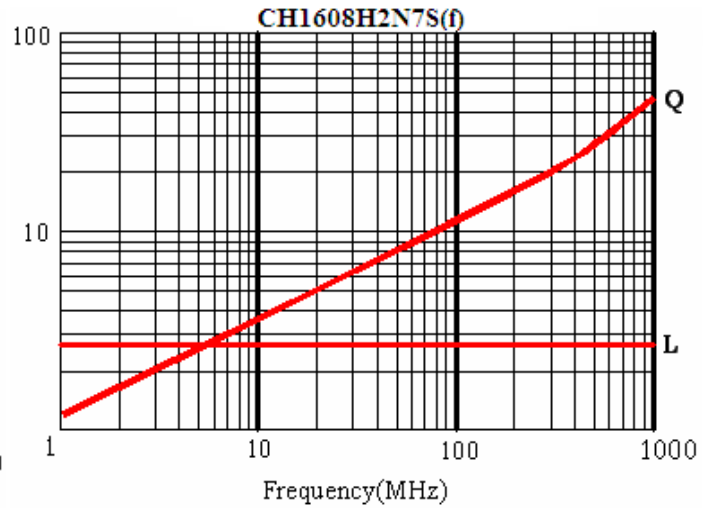
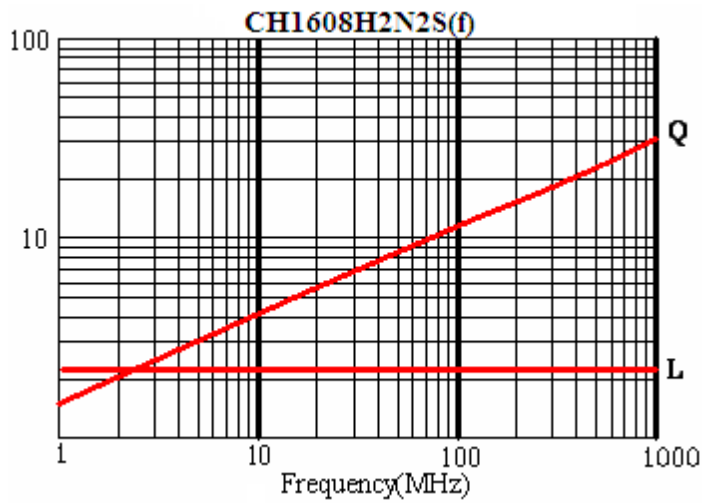


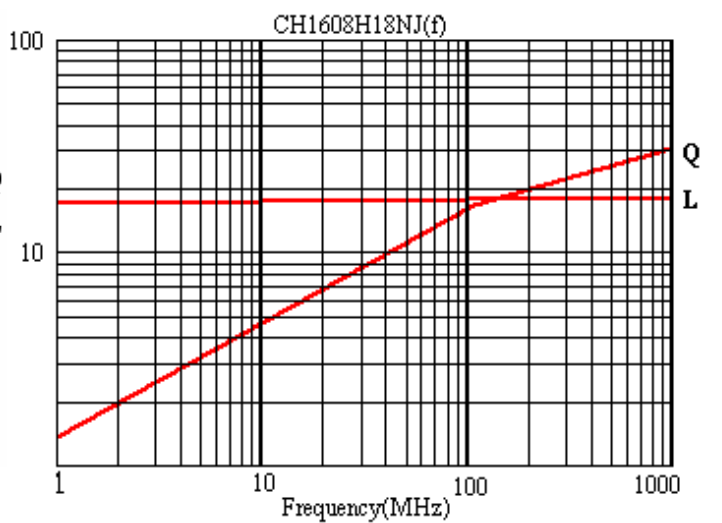
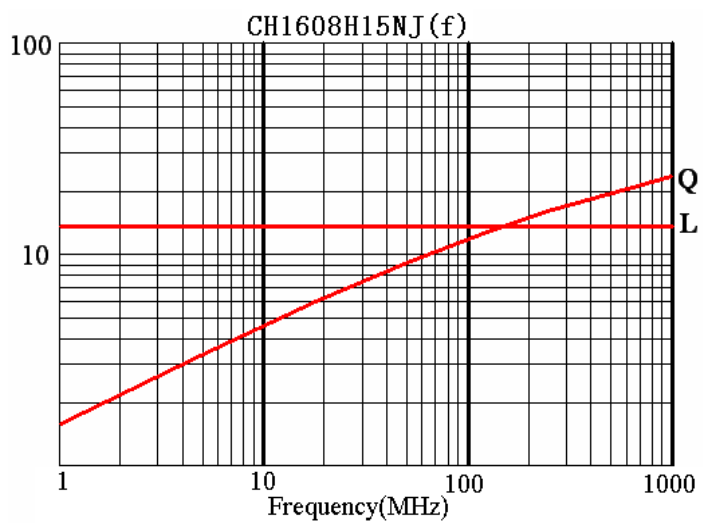
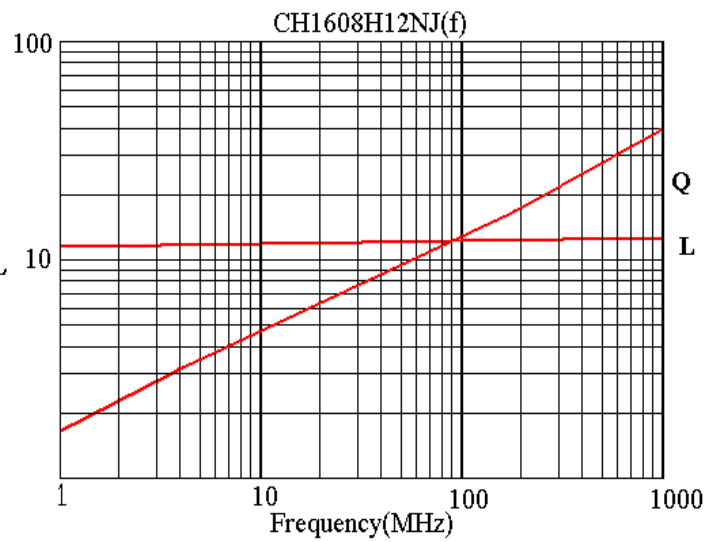
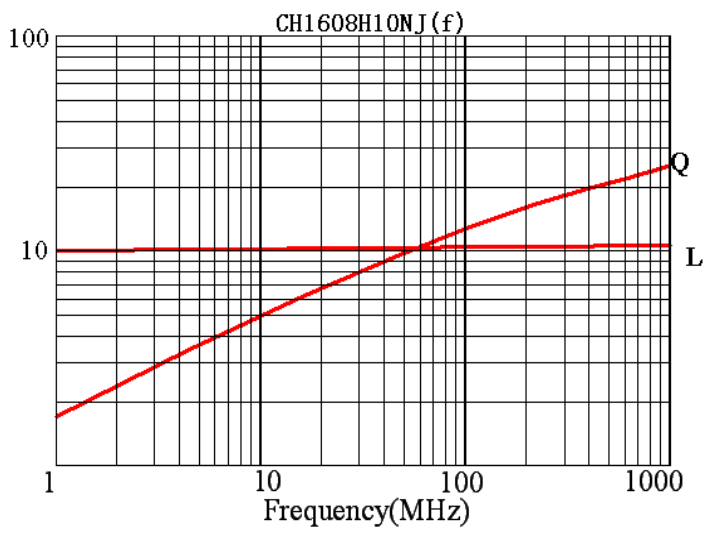
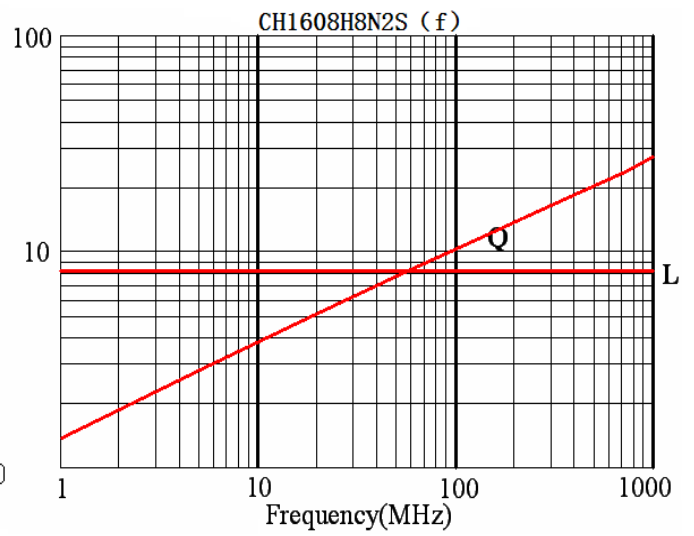
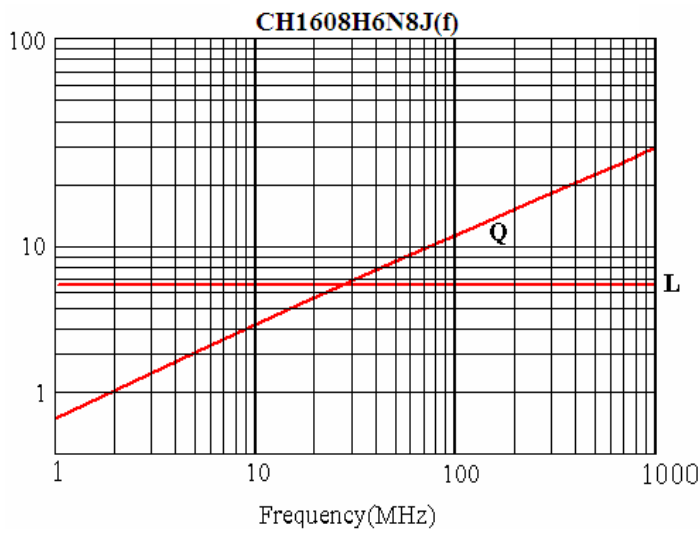


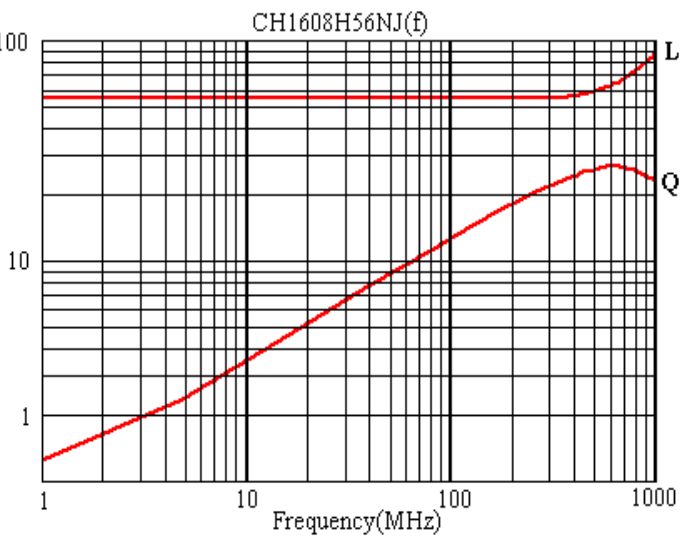
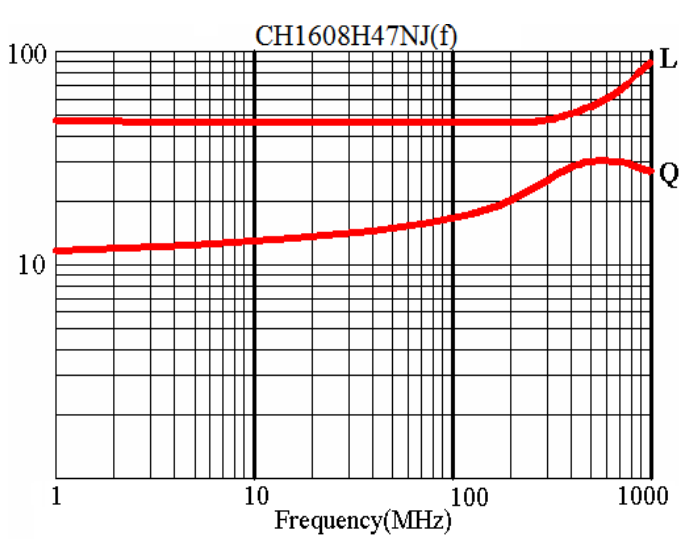
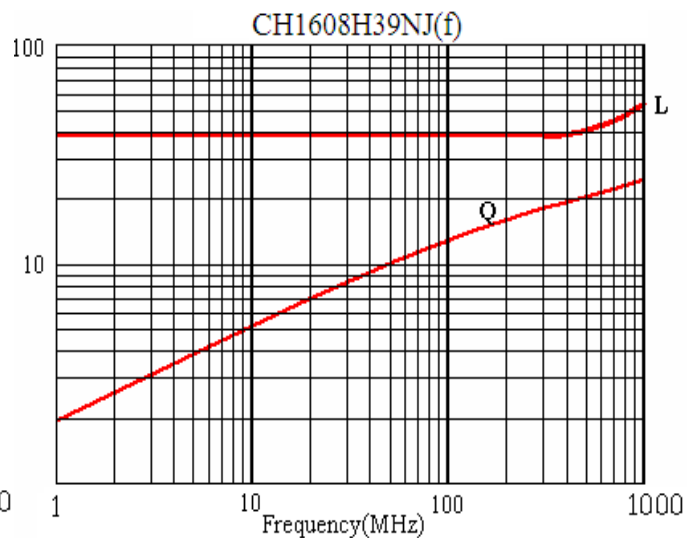
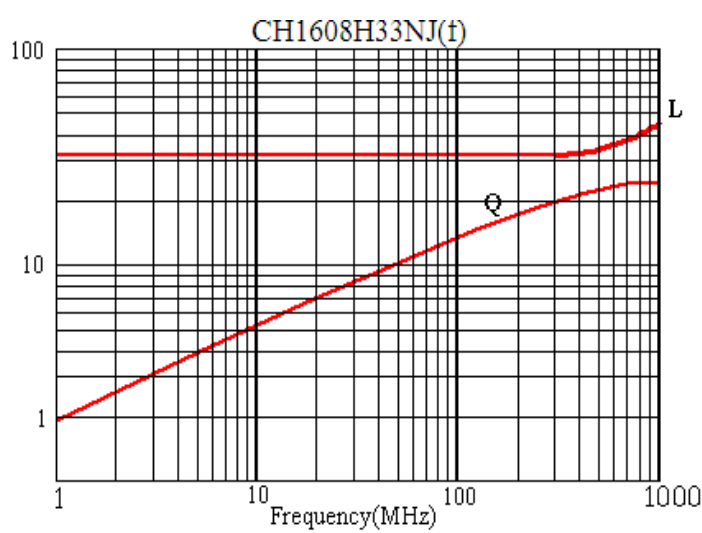
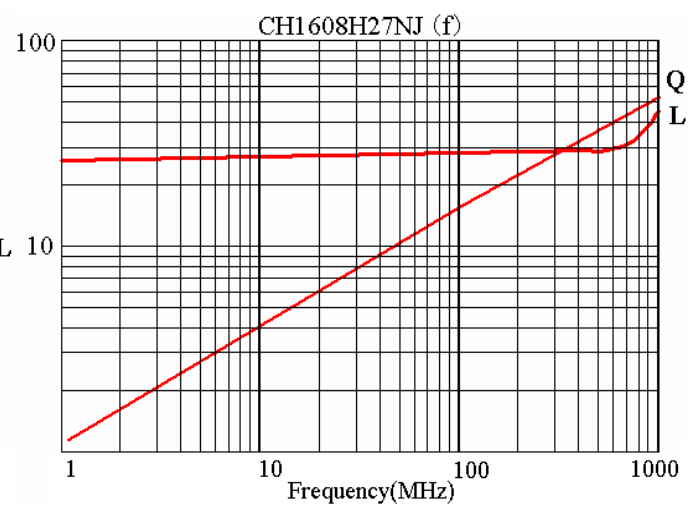
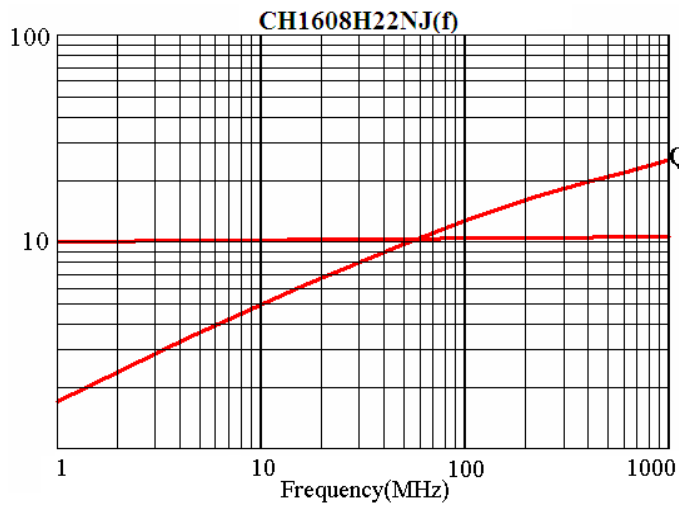


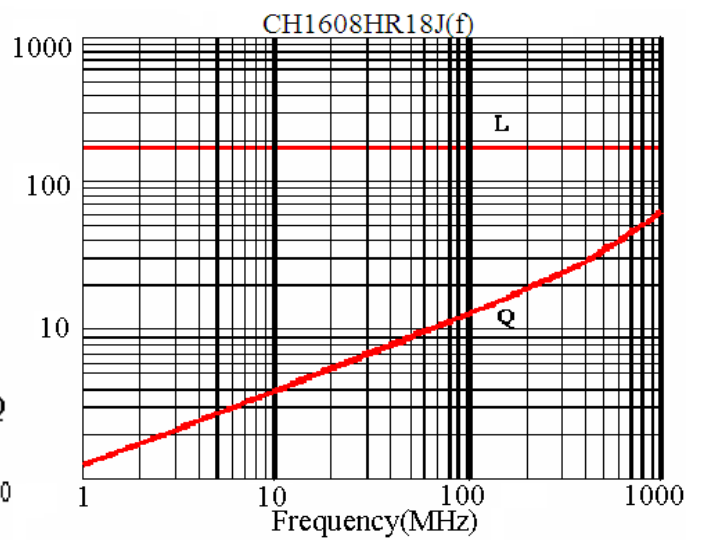
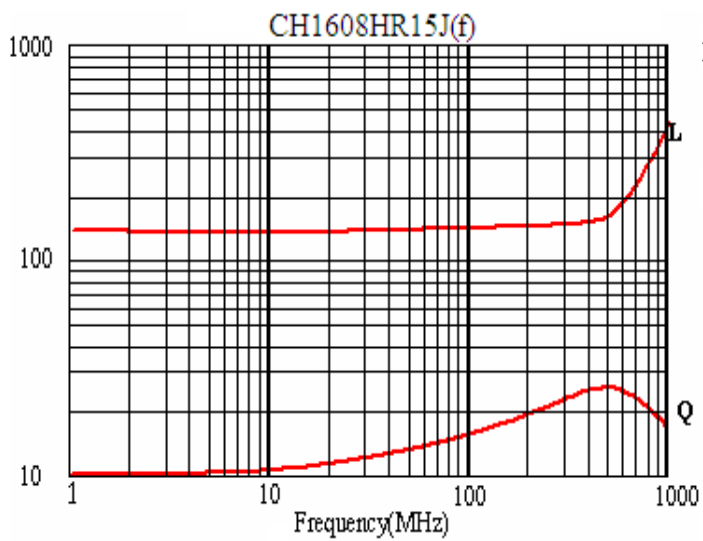
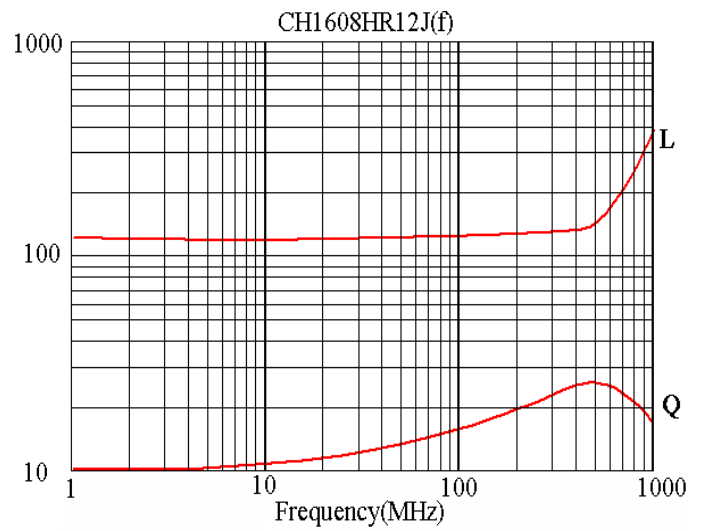
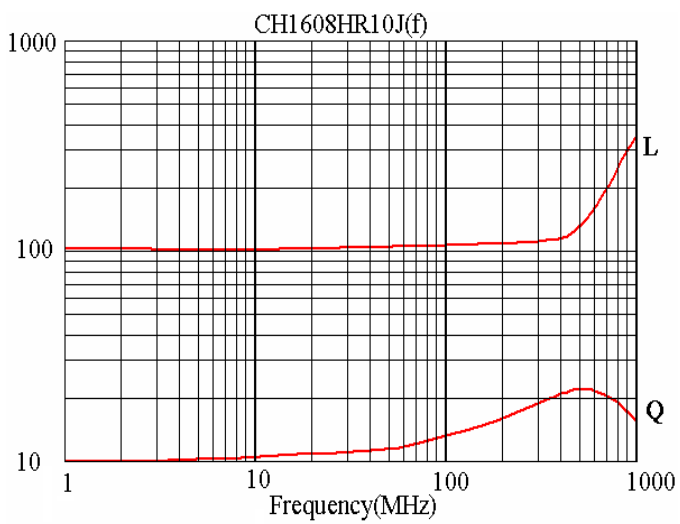
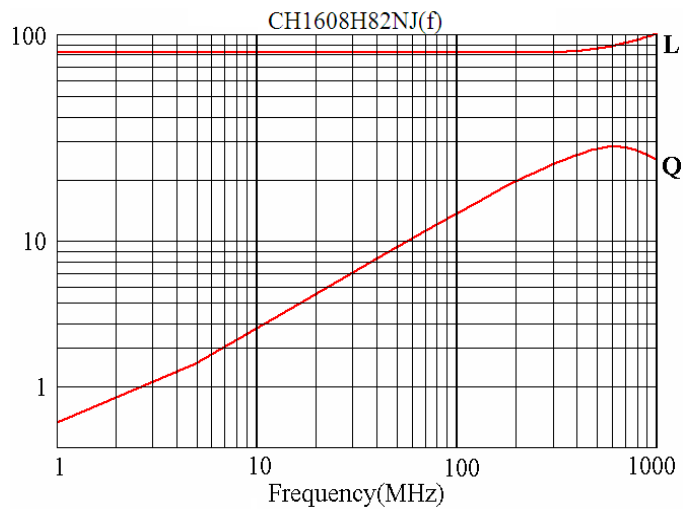
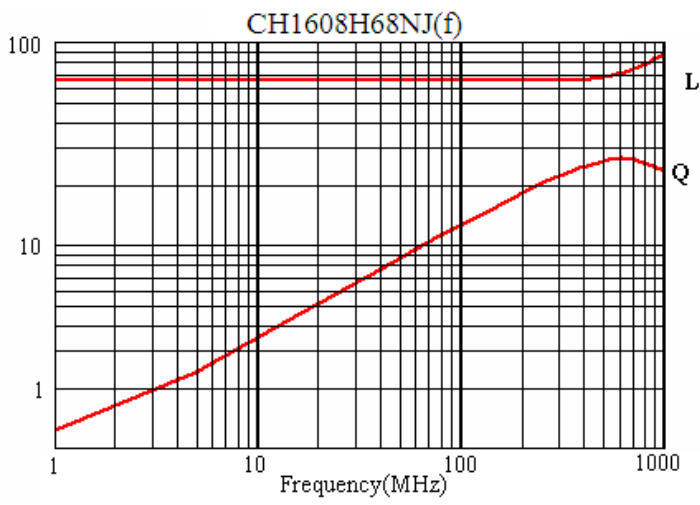
CH1608 TYPE

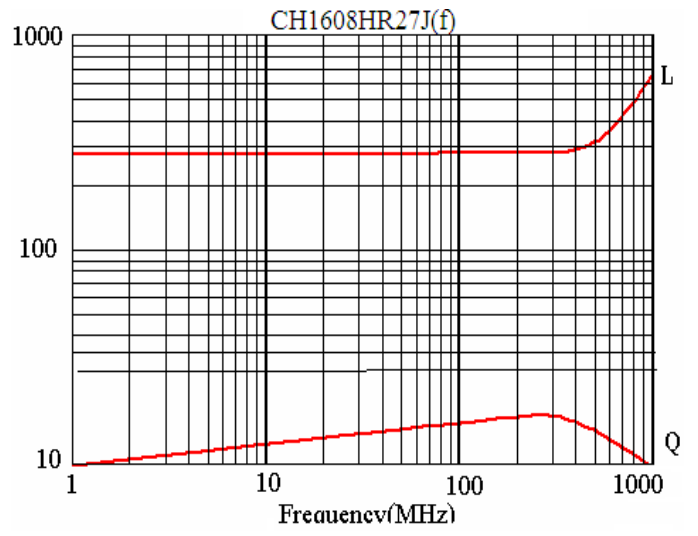
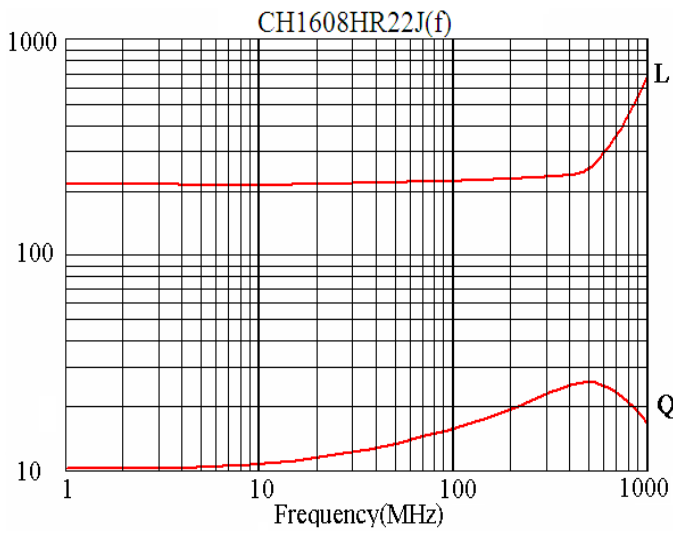




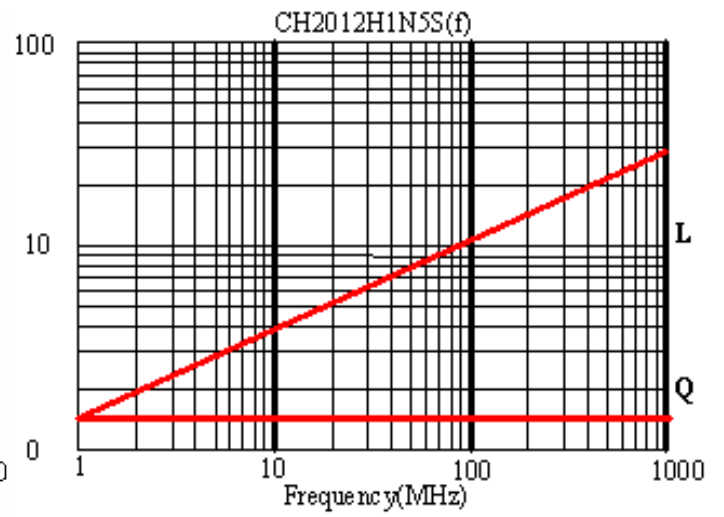
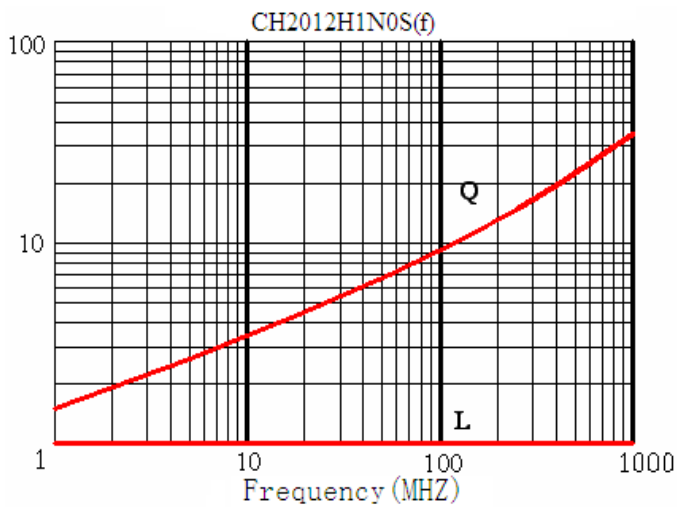


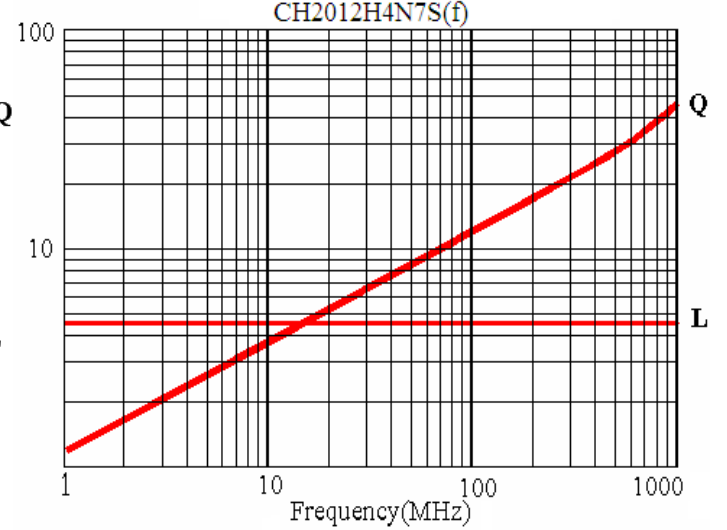
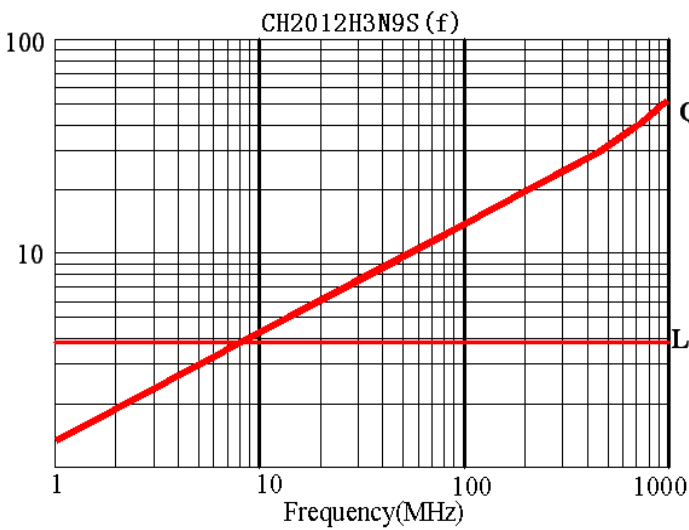
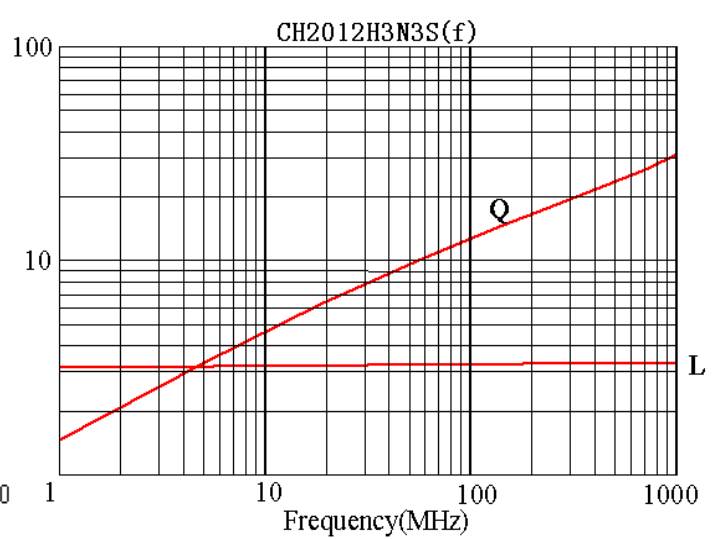
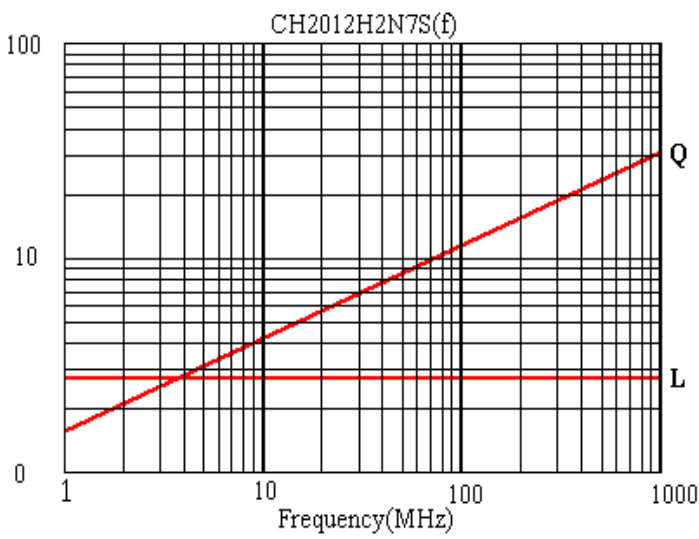
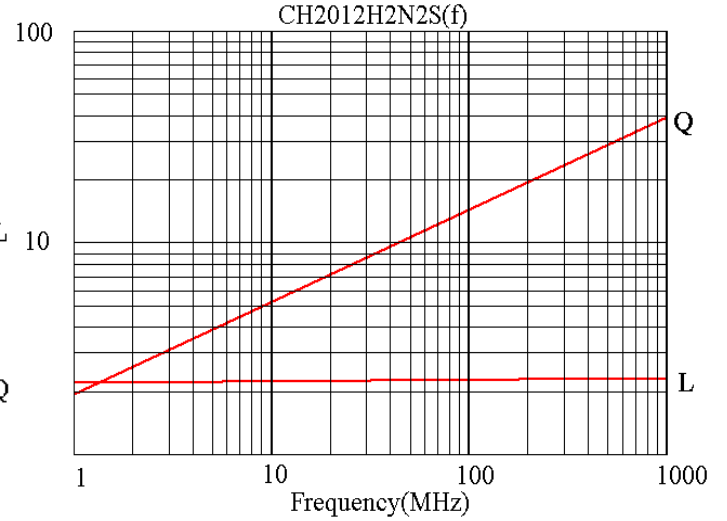
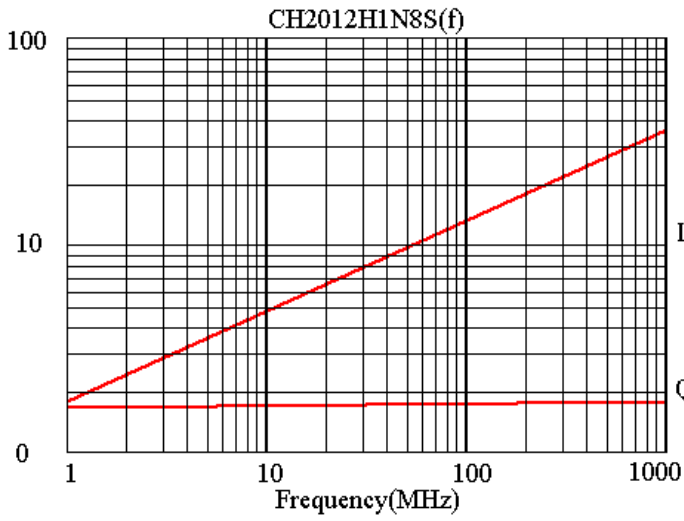


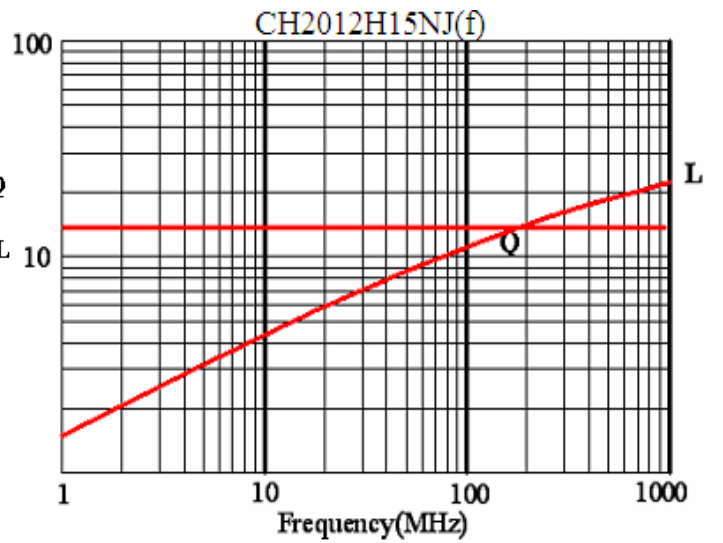
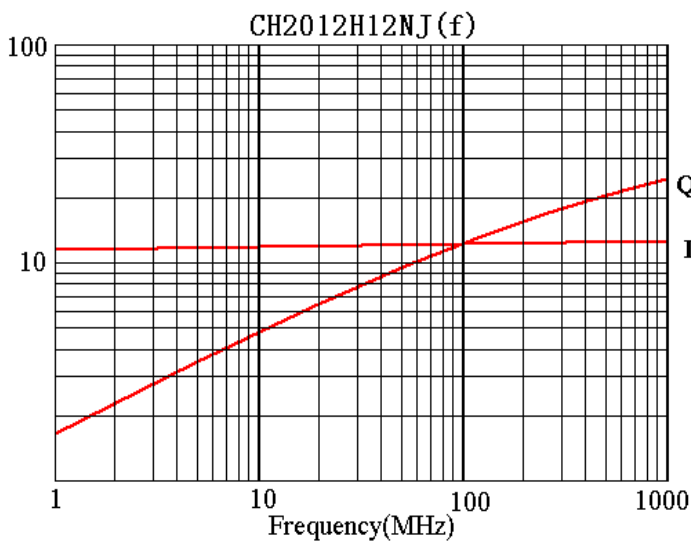
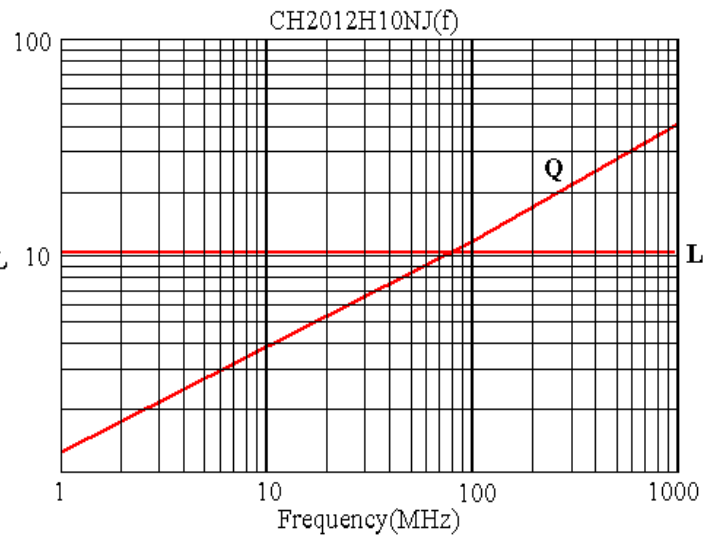
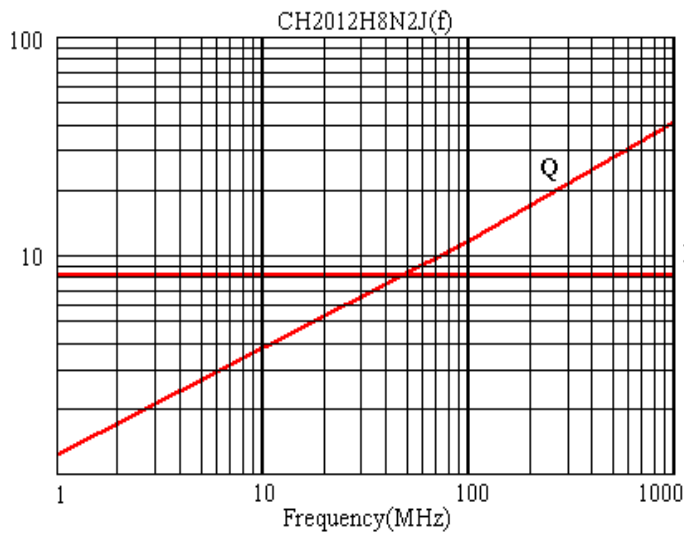
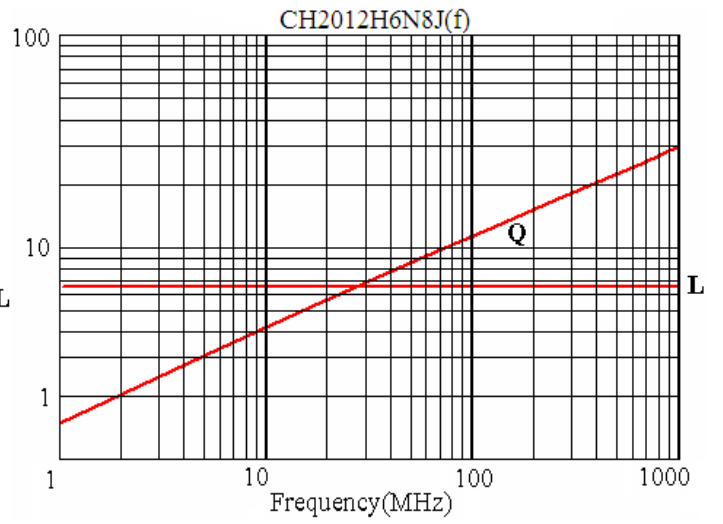
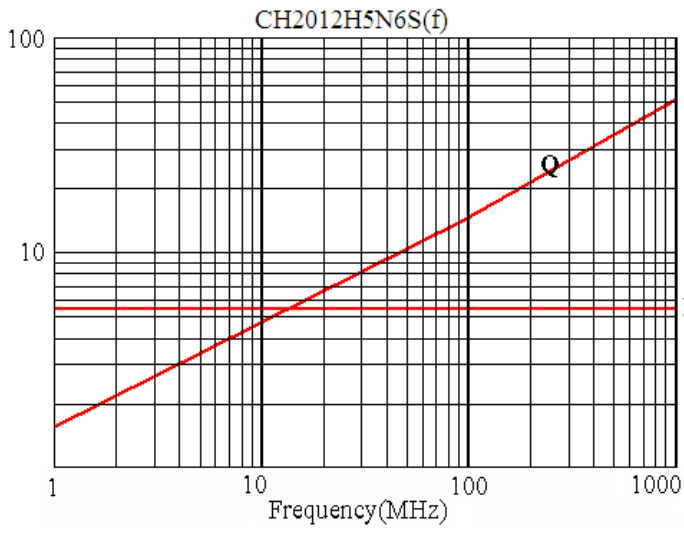


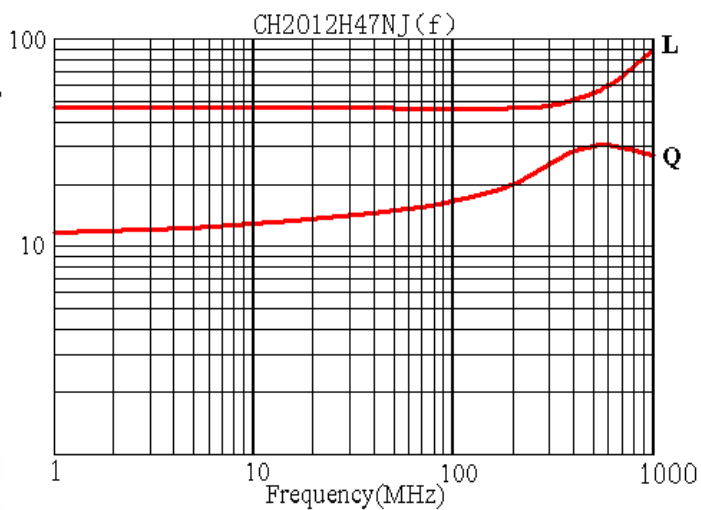
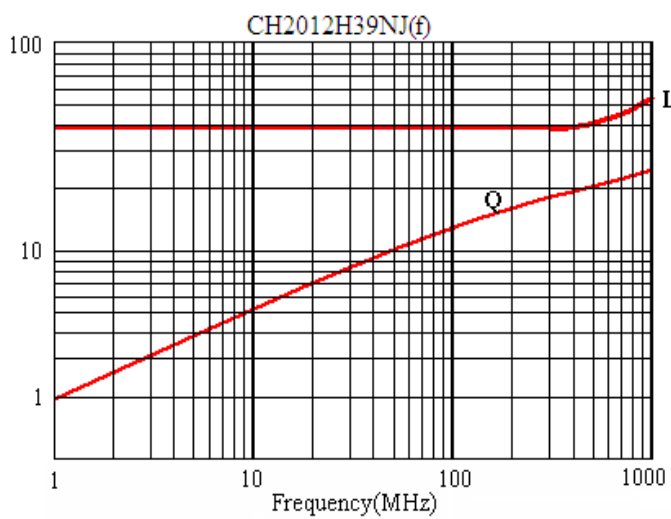
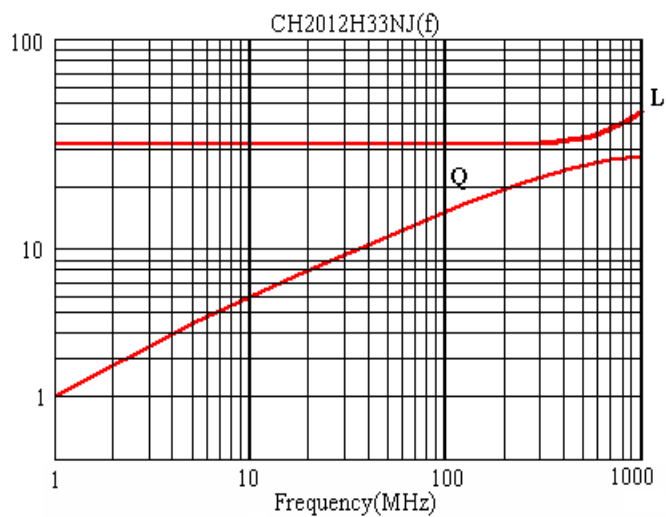
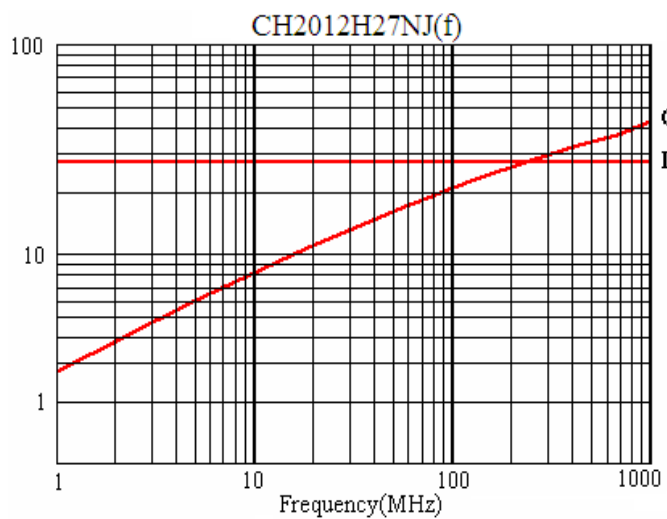
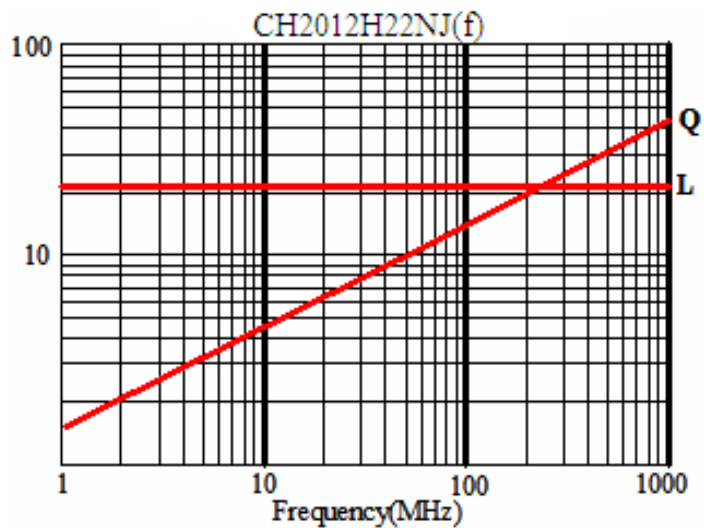
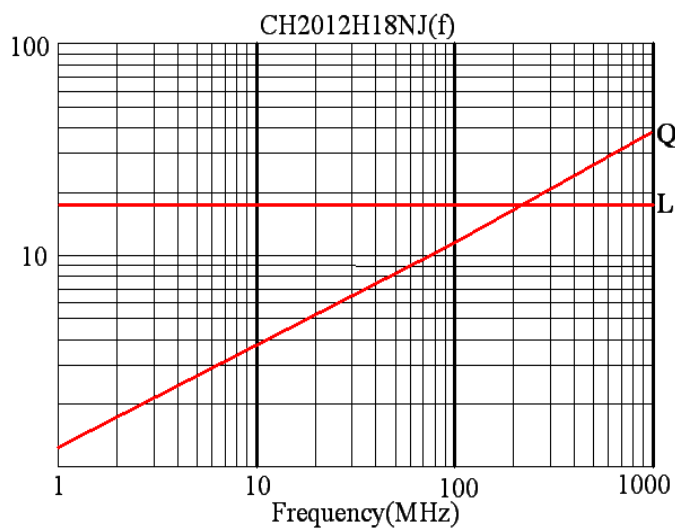


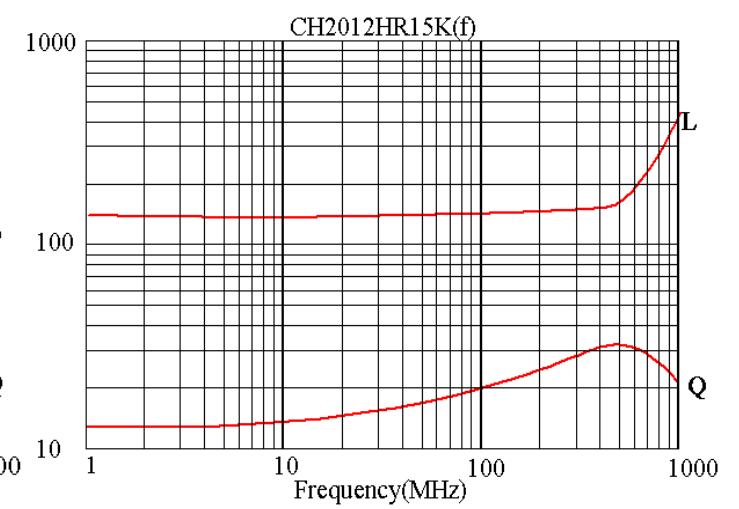
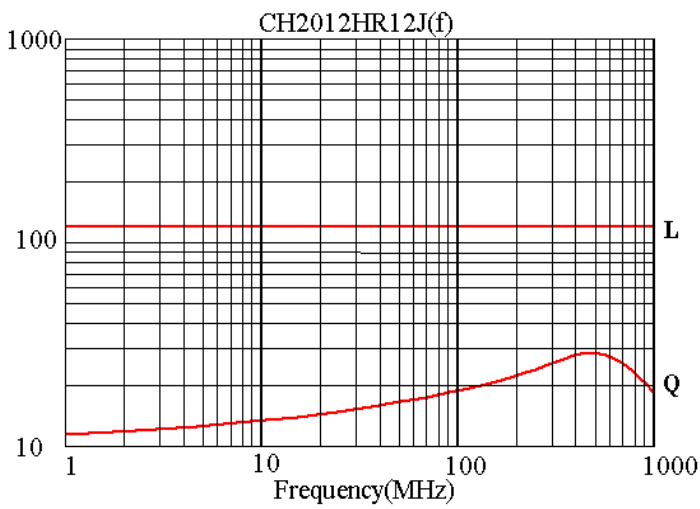
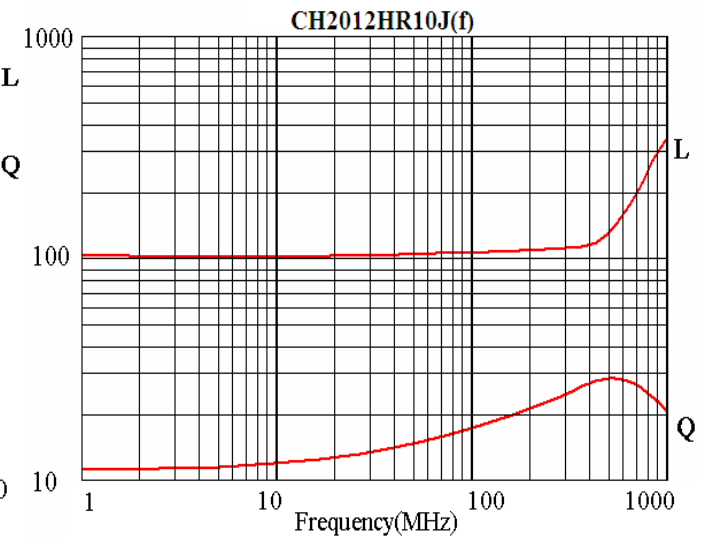
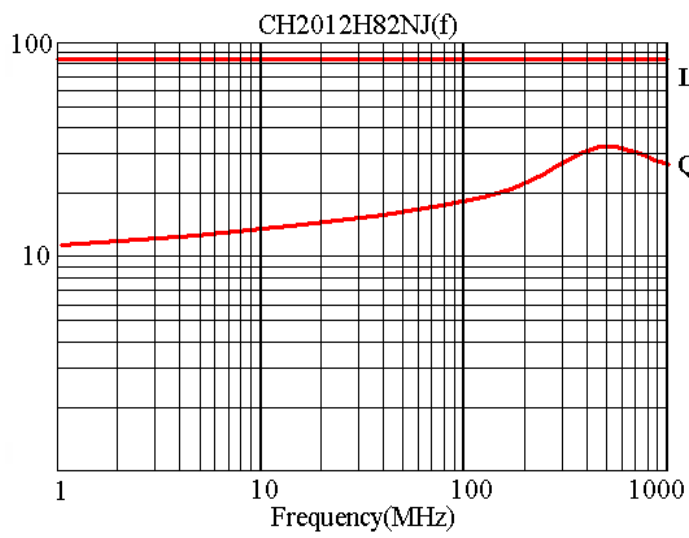
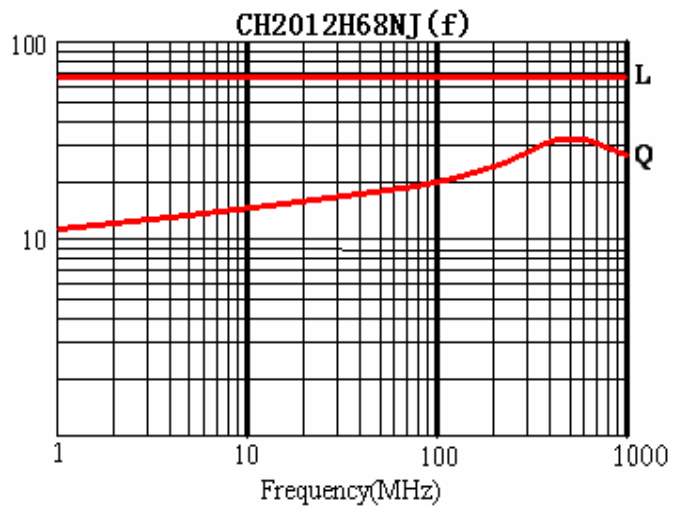
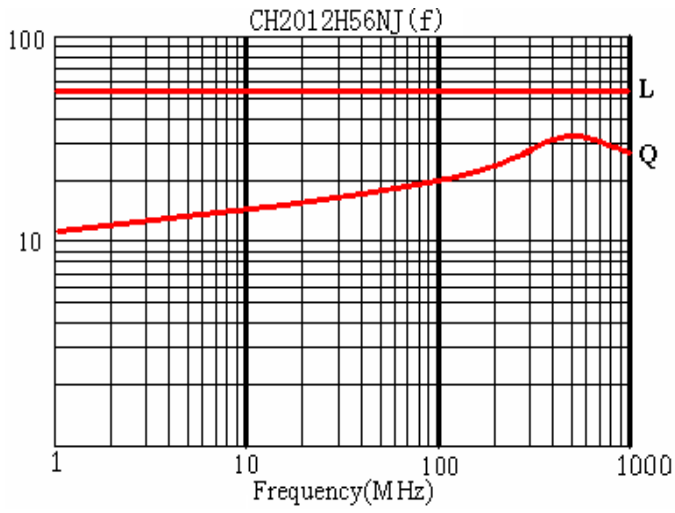
CH2012 TYPE



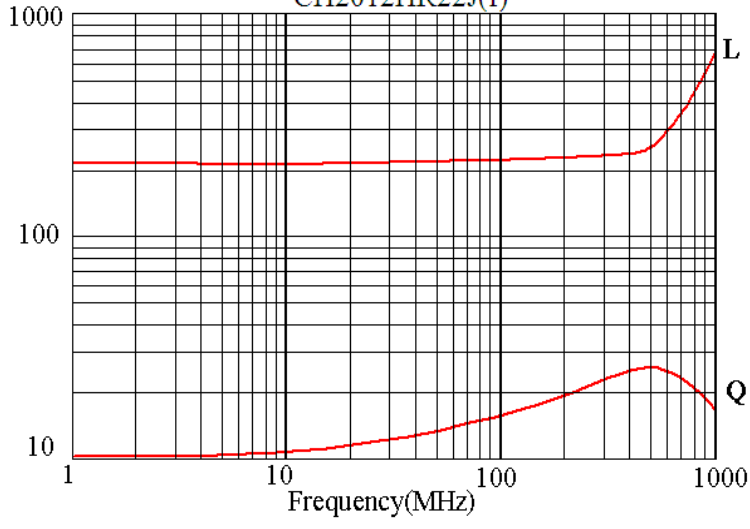








CH2012HR22J(f)



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fixed Inductors](#) category:

Click to view products by [Zhenhua Fu](#) manufacturer:

Other Similar products are found below :

[CR32NP-151KC](#) [CR32NP-180KC](#) [CR32NP-181KC](#) [CR32NP-1R5MC](#) [CR32NP-390KC](#) [CR32NP-3R9MC](#) [CR32NP-680KC](#) [CR32NP-820KC](#) [CR32NP-8R2MC](#) [CR43NP-390KC](#) [CR43NP-560KC](#) [CR43NP-680KC](#) [CR54NP-181KC](#) [CR54NP-470LC](#) [CR54NP-820KC](#) [CR54NP-8R5MC](#) [70F224AI](#) [MGDQ4-00004-P](#) [MHL1ECTTP18NJ](#) [MHQ1005P10NJ](#) [MHQ1005P1N0S](#) [MHQ1005P2N4S](#) [MHQ1005P3N6S](#) [MHQ1005P5N1S](#) [MHQ1005P8N2J](#) [PE-51506NL](#) [PE-53601NL](#) [PE-53602NL](#) [PE-53630NL](#) [PE-53824SNLT](#) [PE-92100NL](#) [PG0434.801NLT](#) [PG0936.113NLT](#) [9220-20](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#) [1206CS-471XJ](#) [HC2LP-R47-R](#) [HC2-R47-R](#) [HC3-2R2-R](#) [HCF1305-3R3-R](#) [1206CS-151XG](#) [RCH664NP-140L](#) [RCH664NP-4R7M](#) [RCH8011NP-221L](#) [RCP1317NP-332L](#) [RCP1317NP-391L](#) [RCR1010NP-470M](#)