



承认书

Approval Sheet

客户名称:

Customer

_____ / _____

产品名称:

叠层片式陶瓷电感器

Part Name

Multilayer Chip Ceramic Inductors

产品规格:

Specification

JCH Series

版本号:

Version No.

A/0

日期:

Date

2020-7-3

制造Manufacturer			客户Customer		
拟制	审核	确认	检验	审核	批准
Draft by	Checked by	Approve by	Check by	Checked by	Approval by
周昶	杨岚	唐涛			

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产品指南Products Guide

Description	Model	P/N	Package Size	Inductance Range (nH)	Irms (mA)
Multilayer Chip Ceramic Inductors 叠层片式陶瓷电感器		JCH	1005	1.0-360	50-400
			1608	1.0-680	100-500
			2012	1.0-220	300-600

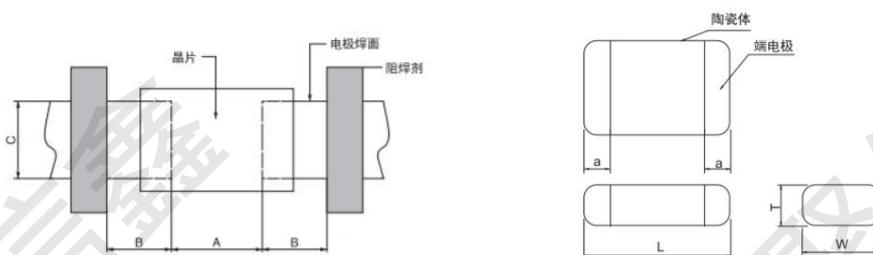
Characteristics特征

- 采用低介电常数的陶瓷介质材料和低电阻率的银导体;
- 高Q值和高自谐频率;
- 为100MHz以上的高频设计;
- 多层结构, 可靠性高, 体积小, 可实现高密度安装;
- 无引线端头, 寄生电容小。

Application应用

- 高频电路, 中间增幅电路;
- 移动通信设备终端;
- 高频领域的EMI对策;
- 要求小型化, 轻型化的便携电子装备。

Shape And Dimensions形状和尺寸 (Unit: mm)



Size 型号	L	W	T	a1,a2	A	B	C
JCH1005	1.00±0.15	0.50±0.15	0.50±0.15	0.25±0.10	0.35	0.6	0.6
JCH1608	1.6±0.15	0.80±0.15	0.80±0.15	0.30±0.20	0.6	1.0	0.8
JCH2012	2.0+0.3/-0.1	1.25±0.20	0.85±0.20 1.0+0.2/-0.3	0.4±0.20	1.0	1.0	1.0

Product Spec. Model产品品名构成

JCH 1608 H 68N J F
(1) (2) (3) (4) (5) (6)

(1)Product symbol系列

(2)Dimensions外形尺寸: 1005、1608、2012、3216;

(3)Material Code材料代号: H或G

(4)Inductance电感量: 4N7: 4.7nH; 22N: 22nH; R10: 100μH;

(5)Tolerance公差: J±5% K±10% M±20%;

(6)Leadfree productors无铅产品: 据客户要求。

Specifications规格

JCH1005 Series

产品类型	电感量 (nH)	电感量 偏差	Q值 min	L、Q测试条件 (MHz/V)	自谐频率 (MHz)	直流电阻 (Ω)max	额定电流 (mA)
JCH1005H1N0□	1	S、D	7	100/0.05	>3000	0.1	400
JCH1005H1N2□	1.2	S、D	7	100/0.05	>3000	0.1	400
JCH1005H1N5□	1.5	S、D	8	100/0.05	>3000	0.13	400
JCH1005H1N8□	1.8	S、D	8	100/0.05	>3000	0.14	400
JCH1005H2N0□	2	S、D	8	100/0.05	>3000	0.16	400
JCH1005H2N2□	2.2	S、D	8	100/0.05	>3000	0.16	400
JCH1005H2N7□	2.7	S、D	8	100/0.05	>3000	0.17	400
JCH1005H3N3□	3.3	S、D	8	100/0.05	>3000	0.19	400
JCH1005H3N9□	3.9	S、D	8	100/0.05	>3000	0.22	400
JCH1005H4N7□	4.7	S、D	8	100/0.05	>3000	0.25	400
JCH1005H5N6□	5.6	S、D	8	100/0.05	>3000	0.29	400
JCH1005H6N8□	6.8	J、K	8	100/0.05	3000	0.32	300
JCH1005H8N2□	8.2	J、K	8	100/0.05	2800	0.39	300
JCH1005H9N1□	9.1	J、K	8	100/0.05	2800	0.39	300
JCH1005H10N□	10	J、K	8	100/0.05	2500	0.5	300
JCH1005H12N□	12	J、K	8	100/0.05	2000	0.6	300
JCH1005H15N□	15	J、K	8	100/0.05	2000	0.65	300
JCH1005H18N□	18	J、K	8	100/0.05	1900	0.75	300
JCH1005H22N□	22	J、K	8	100/0.05	1800	0.8	200
JCH1005H27N□	27	J、K	8	100/0.05	1500	0.9	200
JCH1005H33N□	33	J、K	8	100/0.05	1300	1	200
JCH1005H39N□	39	J、K	8	100/0.05	1200	1.2	150
JCH1005H47N□	47	J、K	8	100/0.05	1100	1.3	150
JCH1005H56N□	56	J、K	8	100/0.05	1000	1.6	150
JCH1005H68N□	68	J、K	8	100/0.05	800	2.1	150
JCH1005H82N□	82	J、K	8	100/0.05	750	2.4	150
JCH1005HR10□	100	J、K	8	100/0.05	700	2.6	150

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

JCH1608 Series

产品类型	电感量 (nH)	电感量 偏差	Q值 min	L、Q测试条件 (MHz/V)	自谐频率 (MHz)	直流电阻 (Ω)max	额定电流 (mA)
JCH1608H1N0□	1.0	S	8	100/0.05	>3000	0.15	500
JCH1608H1N2□	1.2	S	8	100/0.05	>3000	0.15	500
JCH1608H1N5□	1.5	S	8	100/0.05	>3000	0.15	500
JCH1608H1N8□	1.8	S	8	100/0.05	>3000	0.2	500
JCH1608H2N2□	2.2	S	8	100/0.05	>3000	0.2	500
JCH1608H2N7□	2.7	S	8	100/0.05	>3000	0.2	500
JCH1608H3N3□	3.3	S	8	100/0.05	>3000	0.2	500
JCH1608H3N9□	3.9	S	8	100/0.05	>3000	0.2	500
JCH1608H4N7□	4.7	S、D	8	100/0.05	>3000	0.2	500
JCH1608H5N6□	5.6	S、D	8	100/0.05	>3000	0.3	500
JCH1608H6N8□	6.8	S、D	8	100/0.05	>3000	0.3	500
JCH1608H8N2□	8.2	S、D	8	100/0.05	>3000	0.3	500
JCH1608H10N□	10	J、K	8	100/0.05	>3000	0.5	300
JCH1608H12N□	12	J、K	8	100/0.05	>3000	0.5	300
JCH1608H15N□	15	J、K	8	100/0.05	>3000	0.6	300
JCH1608H18N□	18	J、K	8	100/0.05	>3000	0.6	300
JCH1608H22N□	22	J、K	8	100/0.05	>3000	0.6	300
JCH1608H27N□	27	J、K	8	100/0.05	>3000	0.8	300
JCH1608H33N□	33	J、K	8	100/0.05	>3000	0.8	300
JCH1608H39N□	39	J、K	8	100/0.05	2500	0.8	300
JCH1608H47N□	47	J、K	8	100/0.05	2400	1	300
JCH1608H56N□	56	J、K	8	100/0.05	2200	1	300
JCH1608H68N□	68	J、K	8	100/0.05	1000	1	300
JCH1608H82N□	82	J、K	8	100/0.05	800	1	300
JCH1608HR10□	100	J、K	8	100/0.05	700	1	300
JCH1608H R12□	120	J、K	8	100/0.05	600	1.4	300
JCH1608H R15□	150	J、K	8	100/0.05	500	1.4	300
JCH1608H R18□	180	J、K	8	100/0.05	400	1.6	300
JCH1608H R22□	220	J、K	8	100/0.05	350	1.8	300
JCH1608H R27□	270	J、K	8	100/0.05	300	1.8	300
JCH1608HR33□	330	J、K	8	100/0.05	350	2.8	150
JCH1608HR39□	390	J、K	8	100/0.05	300	3.2	150
JCH1608HR43□	430	J、K	8	100/0.05	280	3.4	150
JCH1608HR47□	470	J、K	8	100/0.05	250	3.6	150
JCH1608HR56□	560	J、K	8	100/0.05	250	4	100
JCH1608HR68□	680	J、K	8	100/0.05	250	4.5	100

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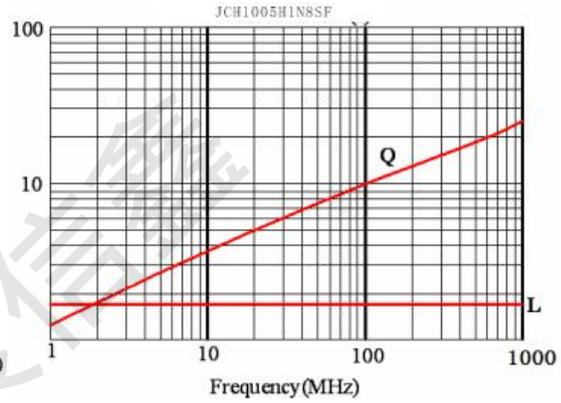
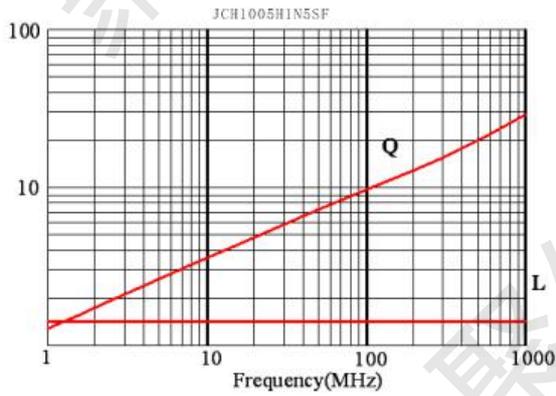
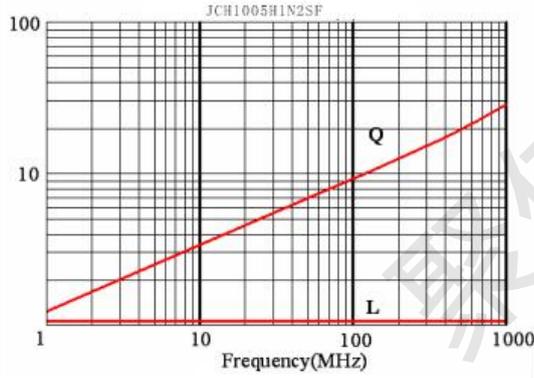
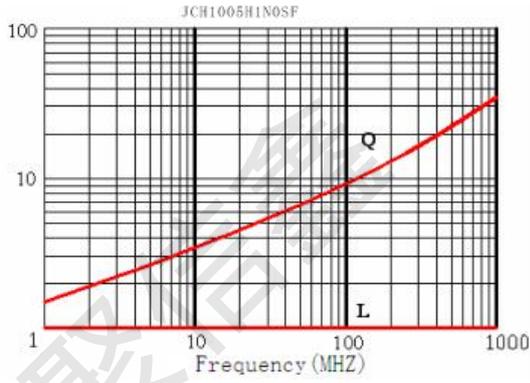
JCH2012 Series

产品类型	电感量 (nH)	电感量 偏差	Q值 min	L、Q测试条件 (MHz/V)	自谐频率 (MHz)	直流电阻 (Ω)max	额定电流 (mA)
JCH2012H 1N0□	1	J、K	10	100/0.05	>3000	0.1	600
JCH2012H 1N5□	1.5	J、K	10	100/0.05	>3000	0.1	600
JCH2012H 1N8□	1.8	J、K	10	100/0.05	>3000	0.1	600
JCH2012H 2N2□	2.2	J、K	10	100/0.05	>3000	0.1	600
JCH2012H 2N7□	2.7	J、K	10	100/0.05	>3000	0.1	600
JCH2012H 3N3□	3.3	J、K	10	100/0.05	>3000	0.13	600
JCH2012H 3N9□	3.9	J、K	10	100/0.05	>3000	0.15	600
JCH2012H 4N7□	4.7	J、K	10	100/0.05	>3000	0.2	400
JCH2012H 5N6□	5.6	J、K	10	100/0.05	>3000	0.23	400
JCH2012H 6N8□	6.8	J、K	10	100/0.05	>3000	0.25	400
JCH2012H 8N2□	8.2	J、K	10	100/0.05	>3000	0.28	400
JCH2012H 10N□	10	J、K	10	100/0.05	2500	0.3	300
JCH2012H 12N□	12	J、K	10	100/0.05	2400	0.35	300
JCH2012H 15N□	15	J、K	10	100/0.05	2000	0.4	300
JCH2012H 18N□	18	J、K	10	100/0.05	1750	0.45	300
JCH2012H 22N□	22	J、K	10	100/0.05	1700	0.5	300
JCH2012H 27N□	27	J、K	10	100/0.05	1550	0.55	300
JCH2012H 33N□	33	J、K	10	100/0.05	1350	0.6	300
JCH2012H 39N□	39	J、K	13	100/0.05	1300	0.65	300
JCH2012H 47N□	47	J、K	10	100/0.05	1200	0.7	300
JCH2012H 56N□	56	J、K	15	100/0.05	1150	0.75	300
JCH2012H 68N□	68	J、K	15	100/0.05	1000	0.8	300
JCH2012H 82N□	82	J、K	15	100/0.05	850	0.9	300
JCH2012H R10□	100	J、K	15	100/0.05	600	1	300
JCH2012H R12□	120	J、K	13	50/0.05	500	1.5	300
JCH2012H R15□	150	J、K	13	50/0.05	500	1.5	300
JCH2012H R22□	220	J、K	13	50/0.05	400	2.1	300

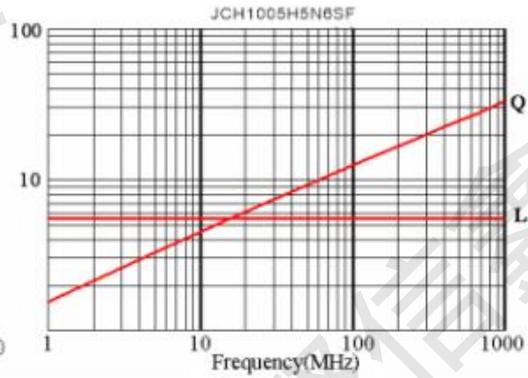
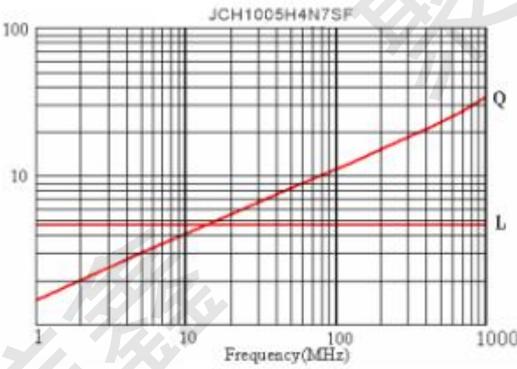
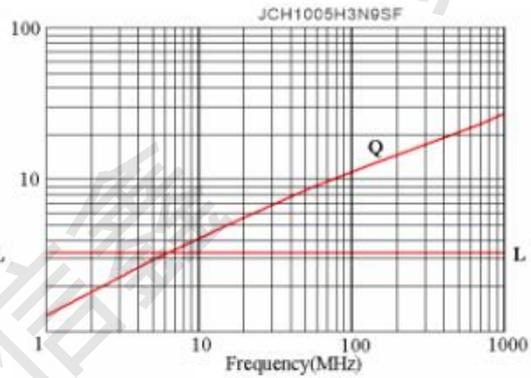
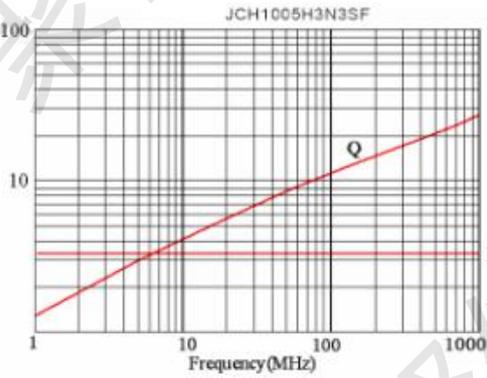
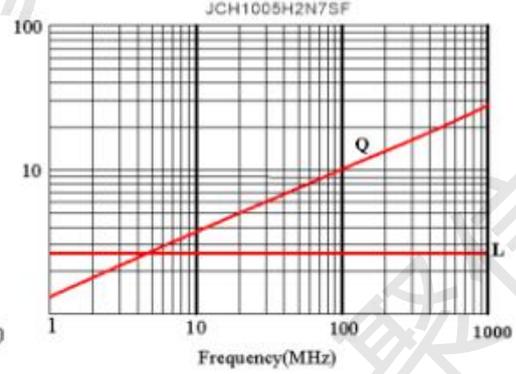
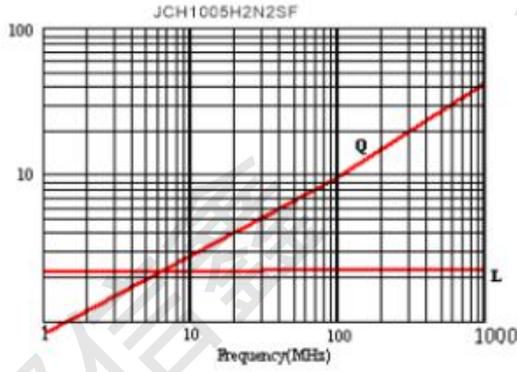
注:表示电感量偏差代号为S、D、J或者K。S: ±0.3nH; D: ±0.5nH; J: ±5%; K: ±10%。

电气特性Detail electrical characteristics

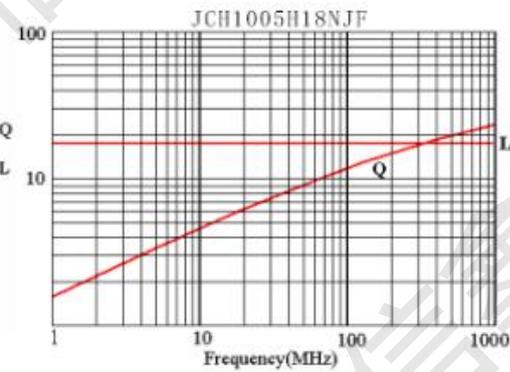
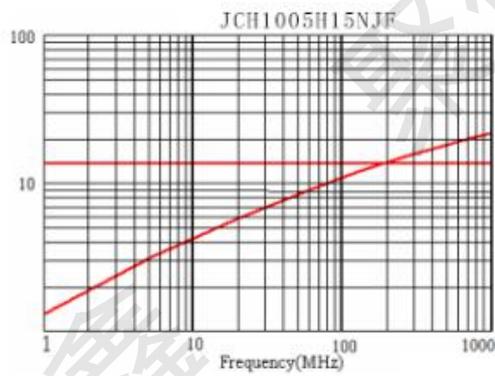
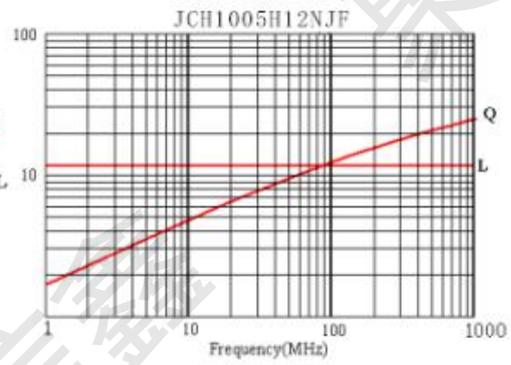
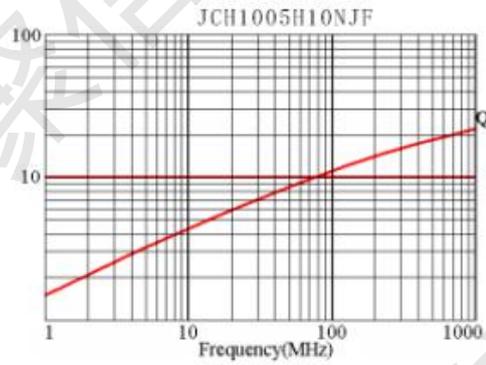
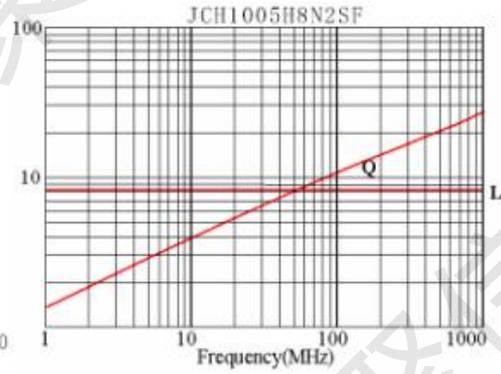
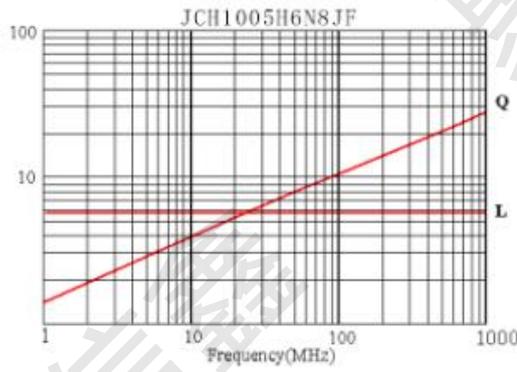
JCH1005 Type



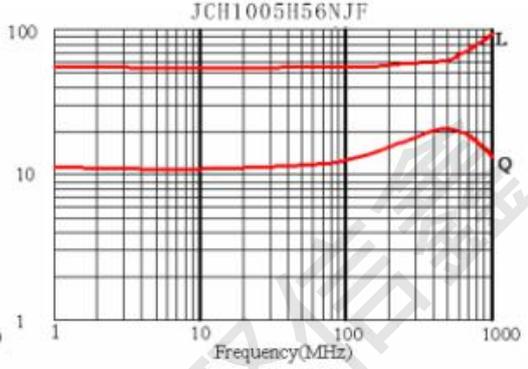
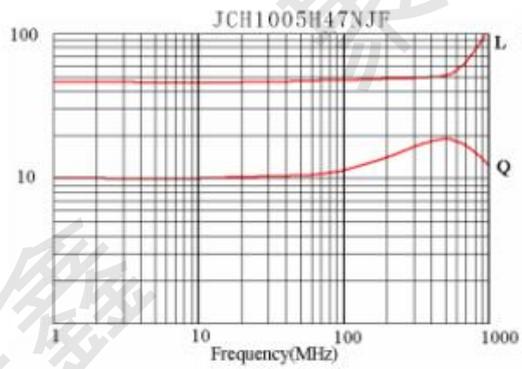
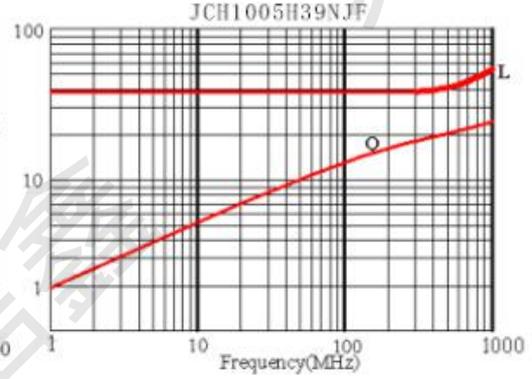
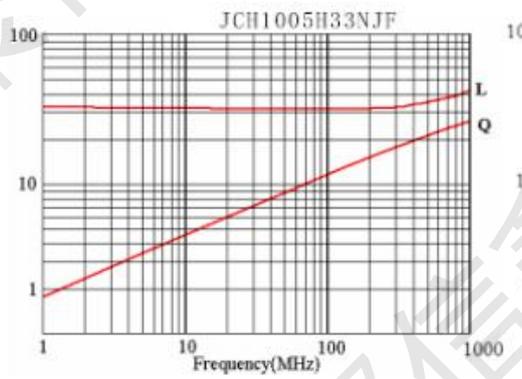
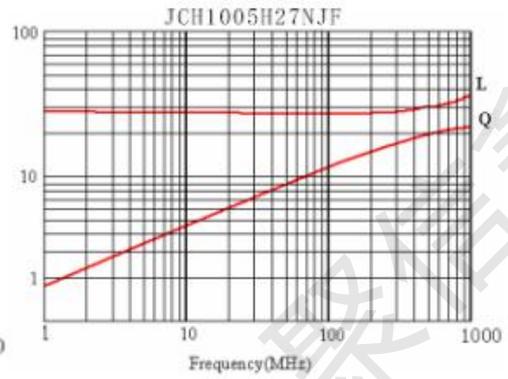
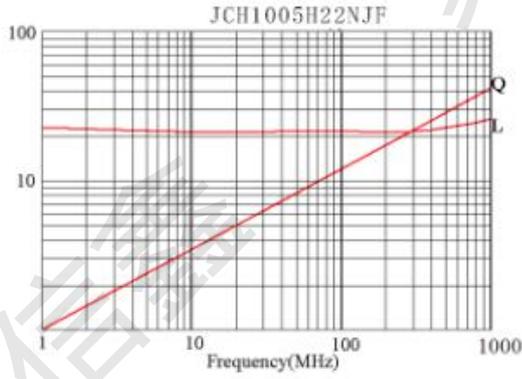
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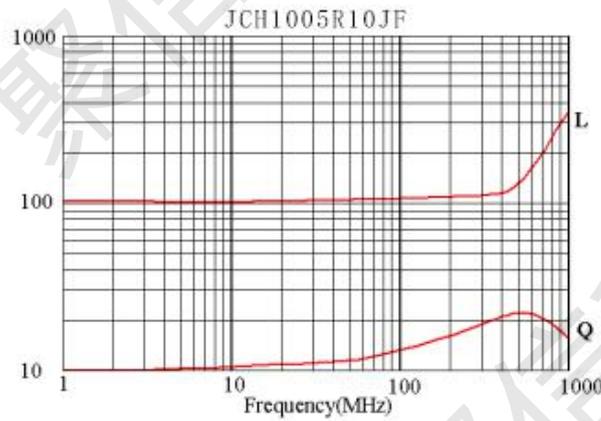
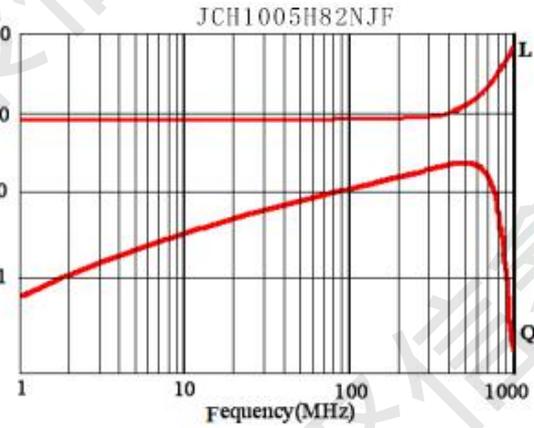
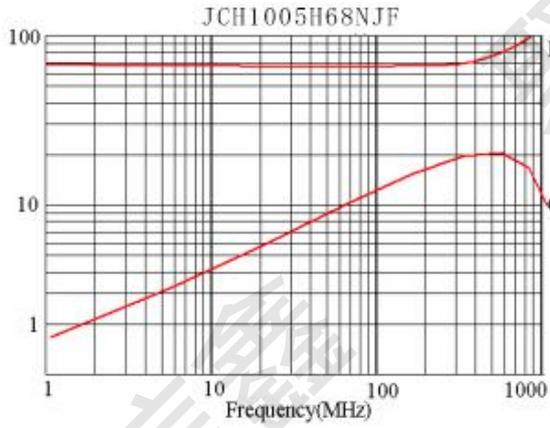
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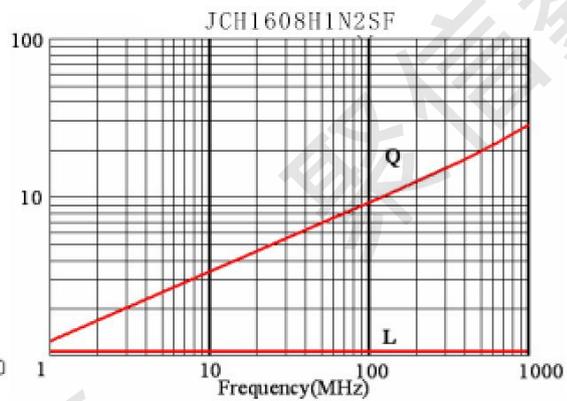
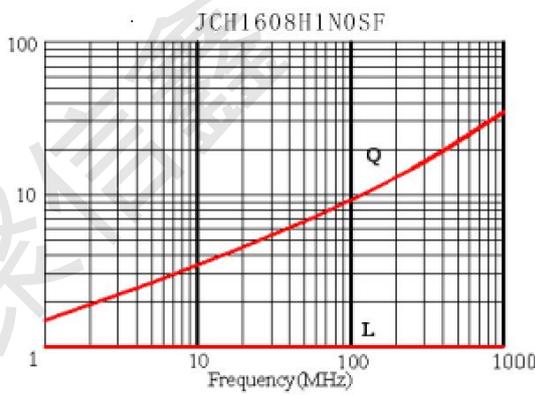
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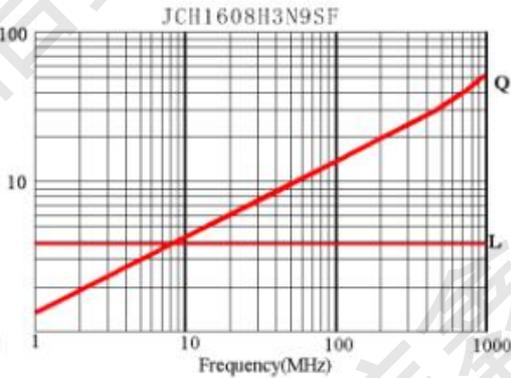
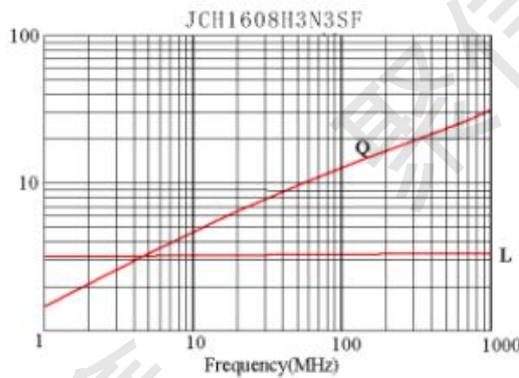
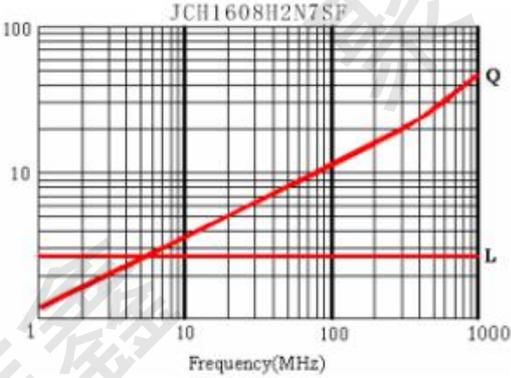
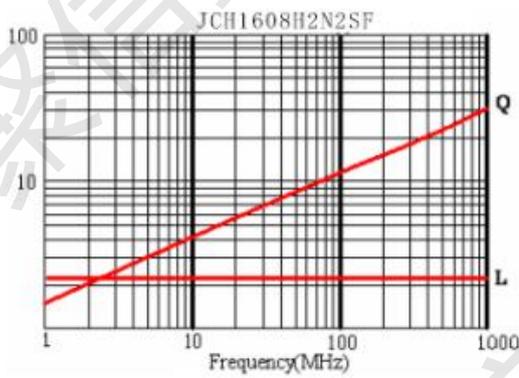
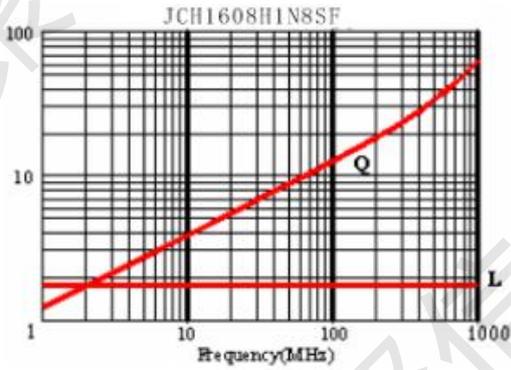
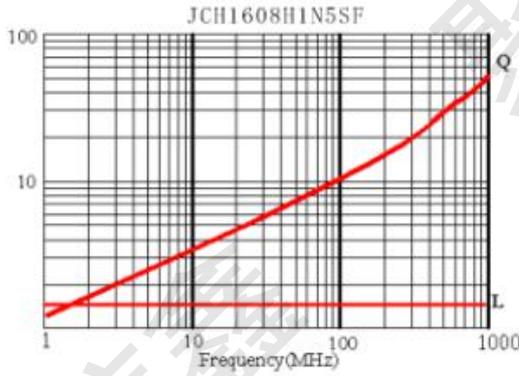
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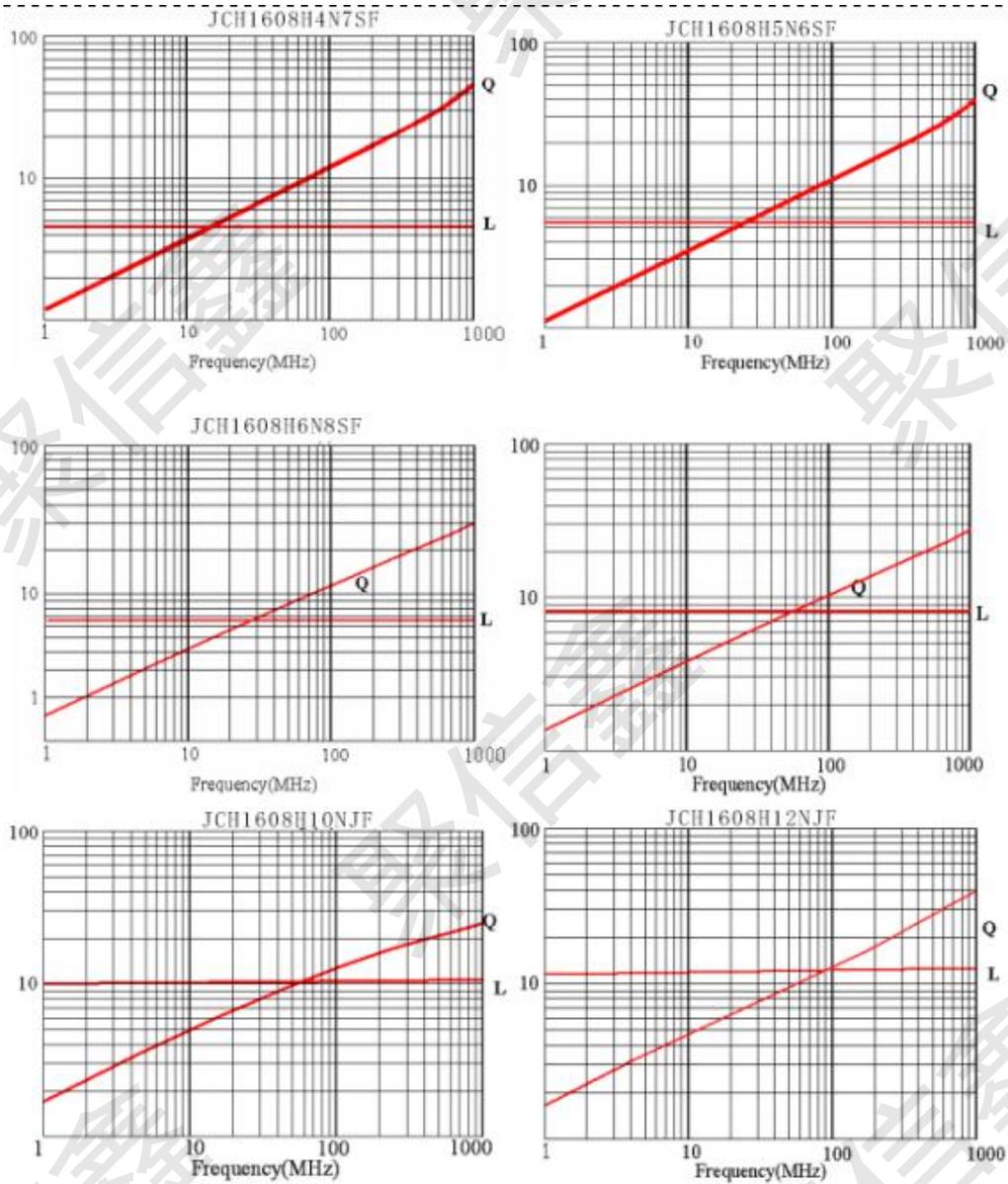
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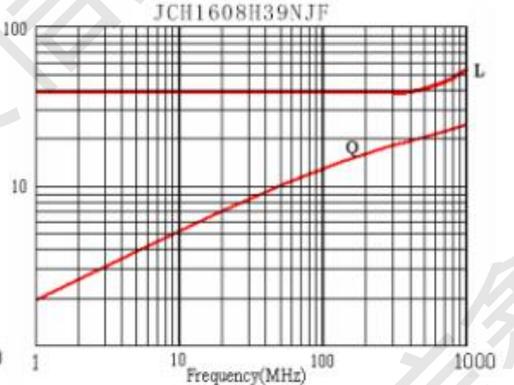
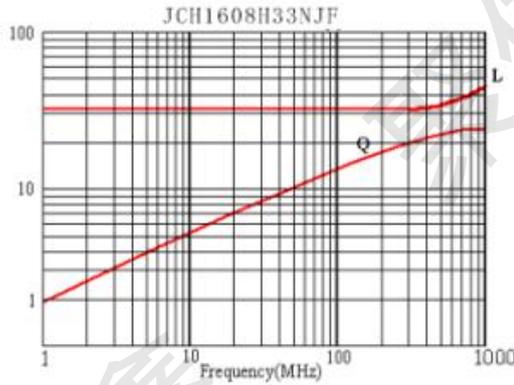
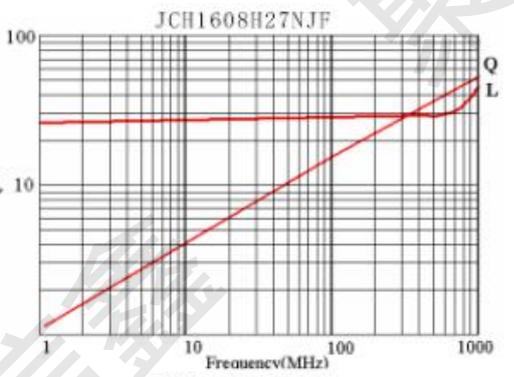
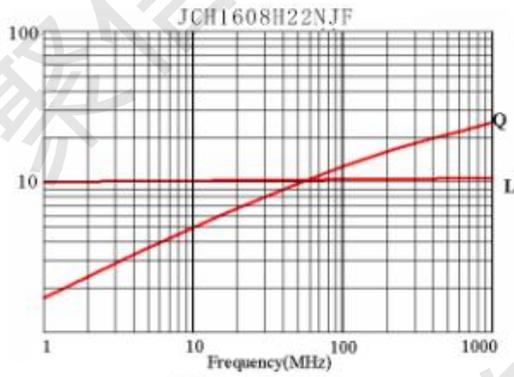
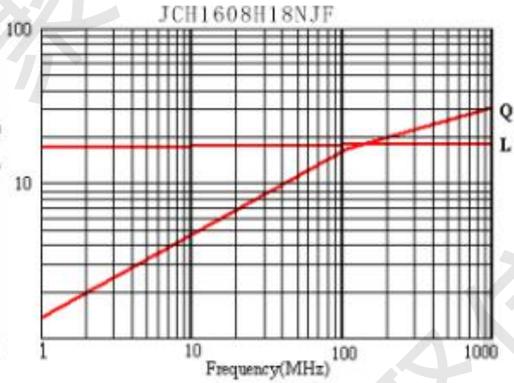
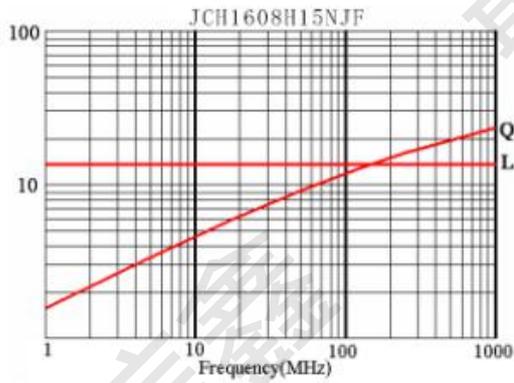
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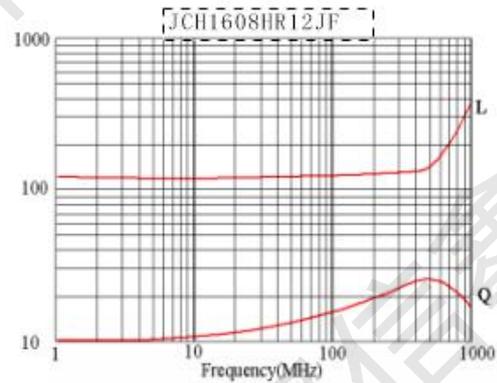
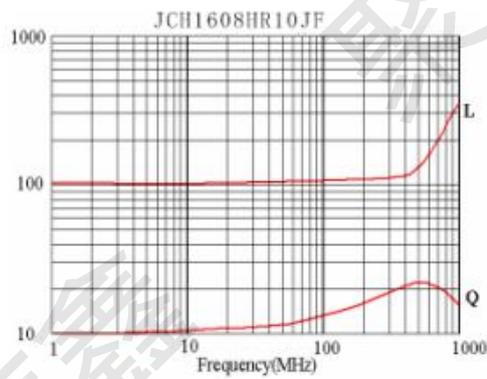
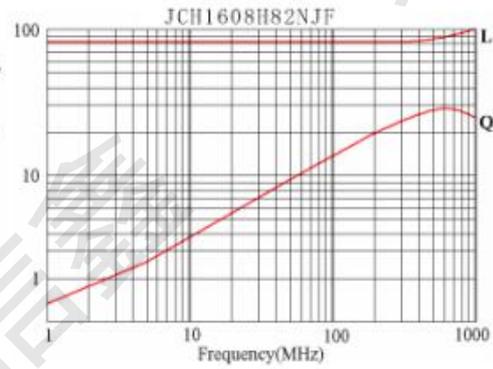
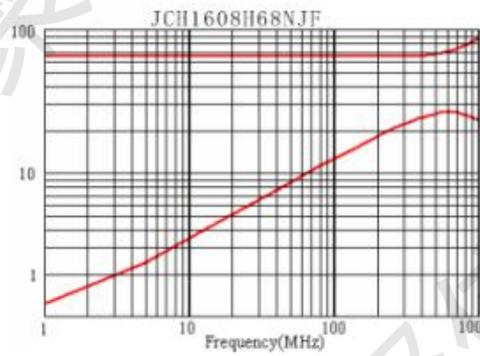
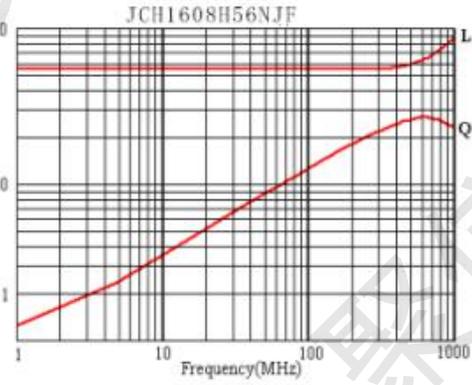
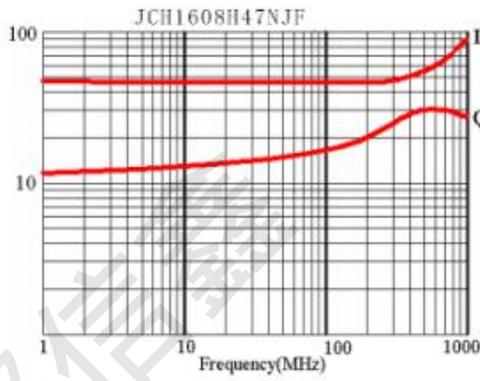
JCH1608 Type



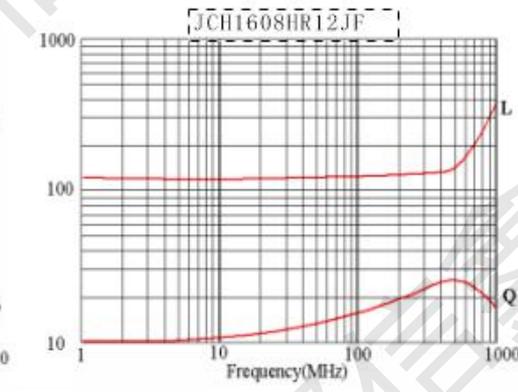
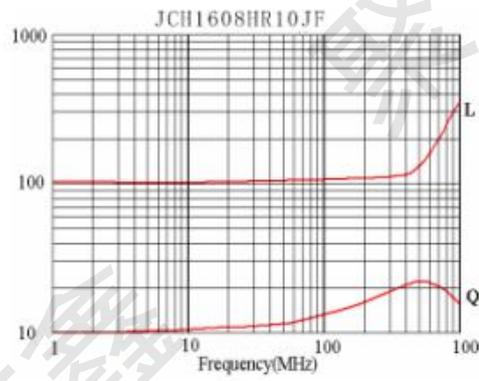
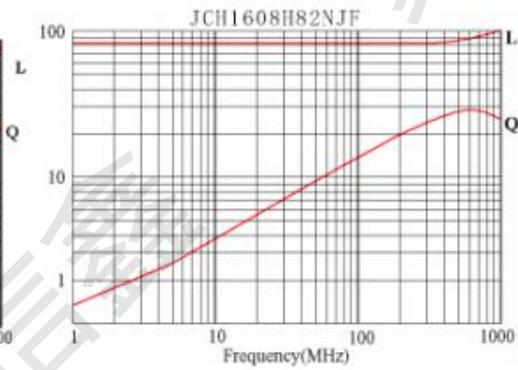
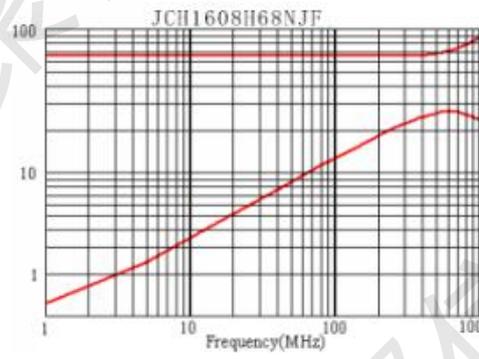
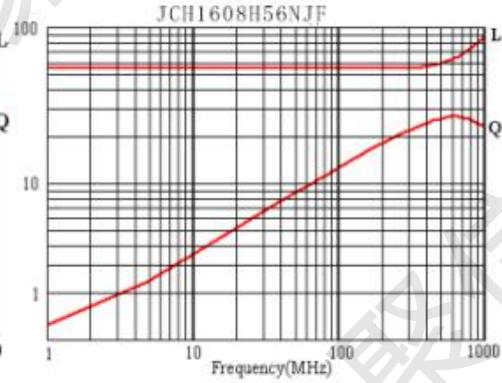
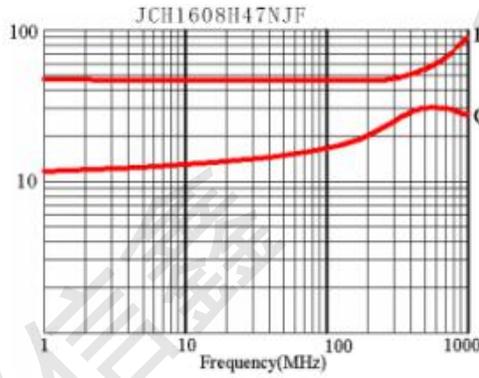
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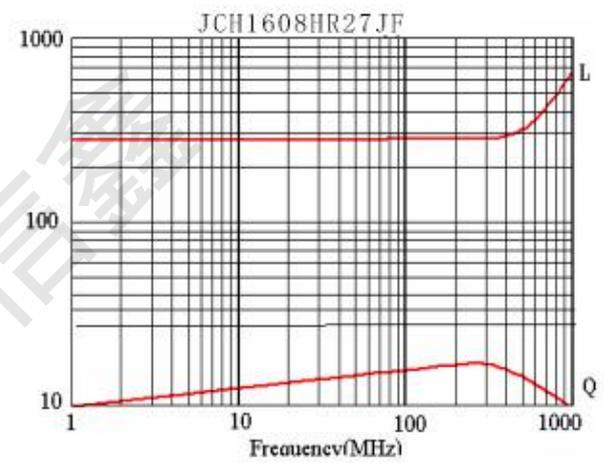
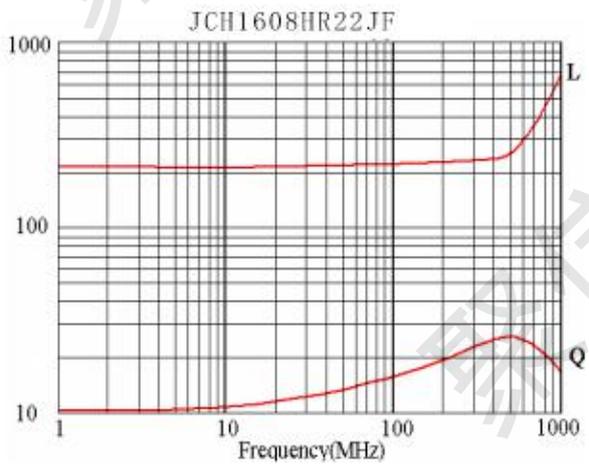
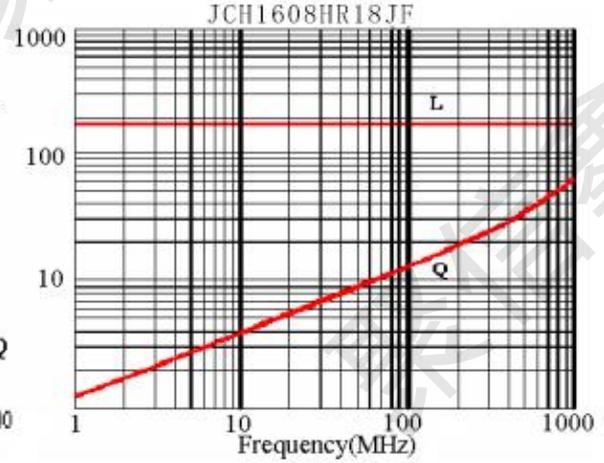
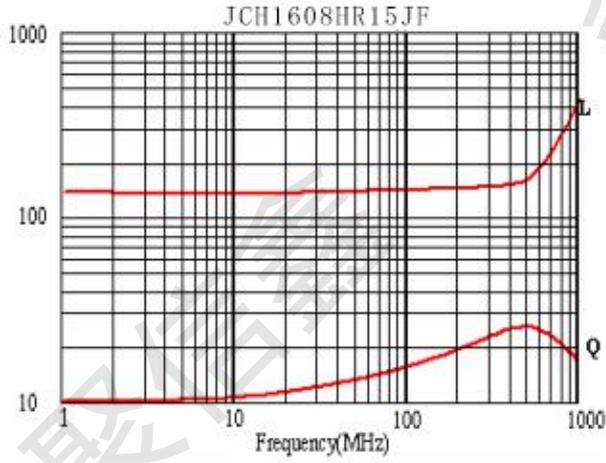
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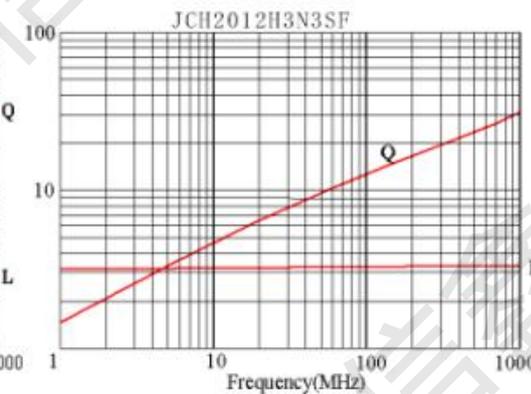
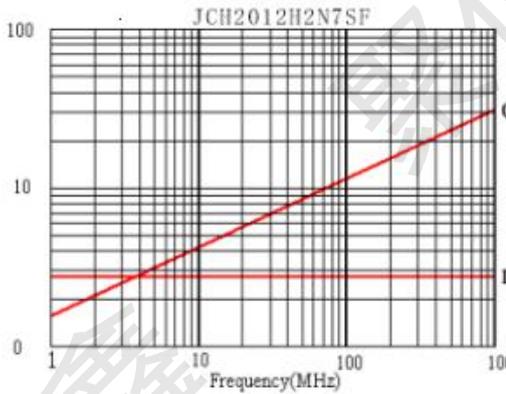
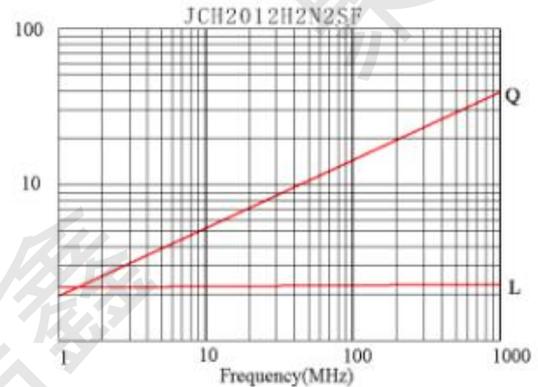
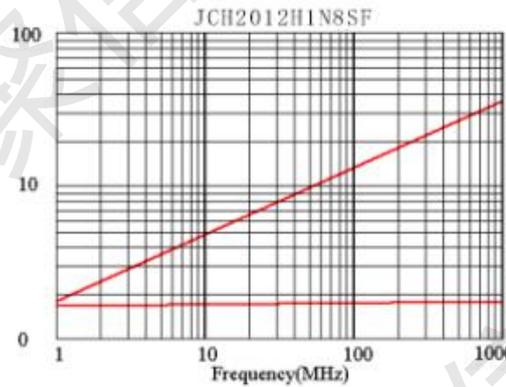
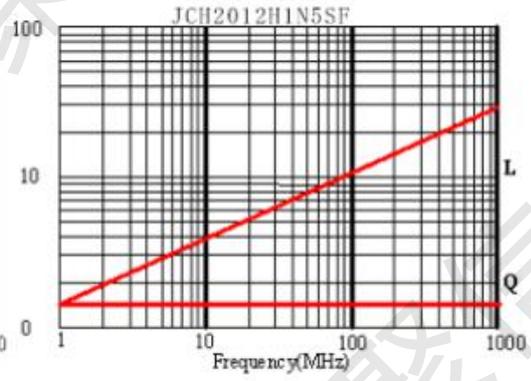
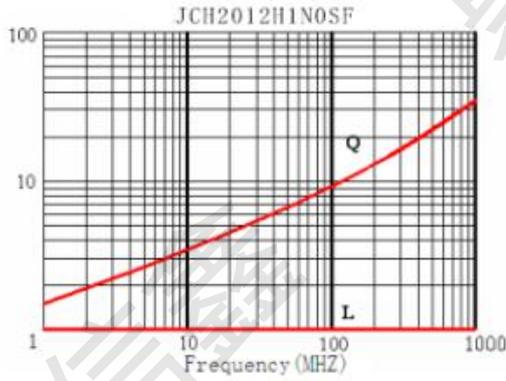
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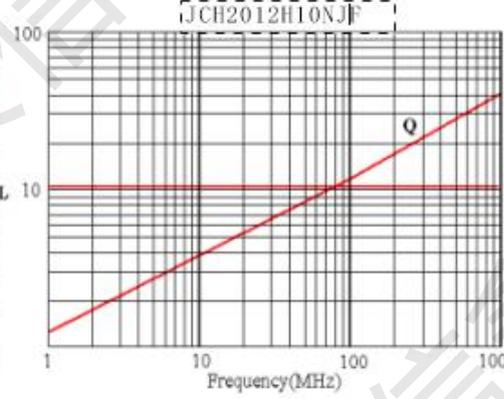
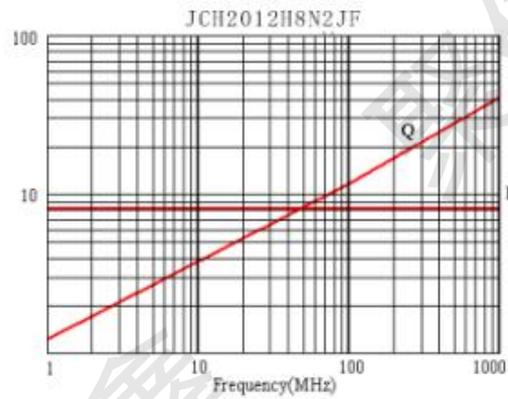
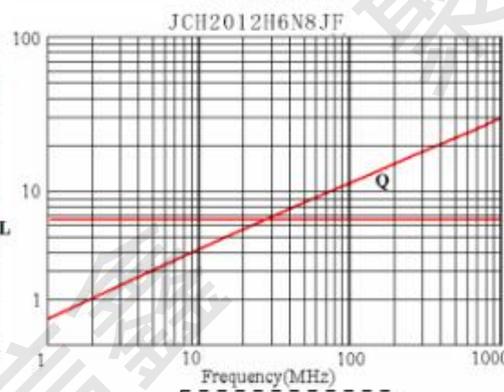
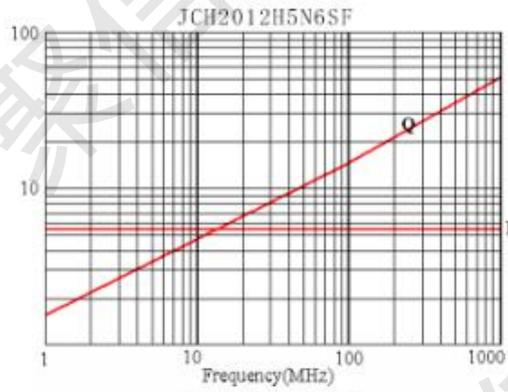
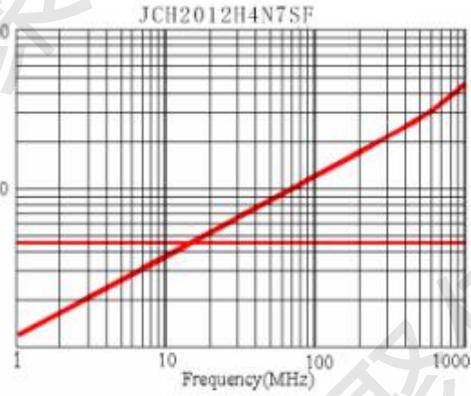
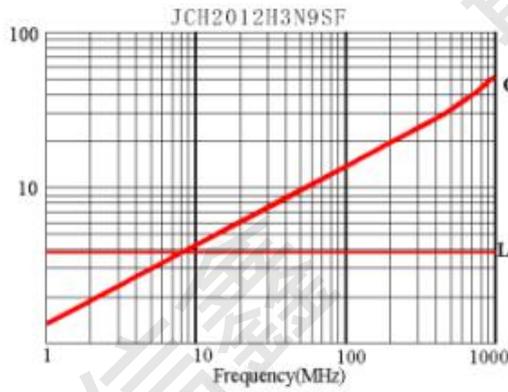
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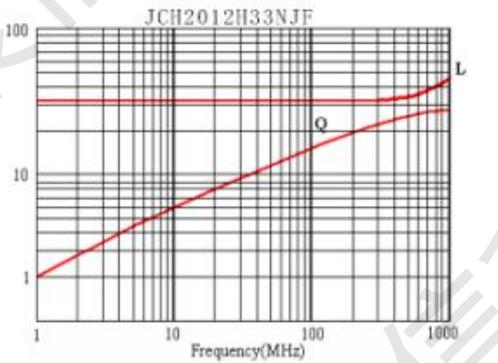
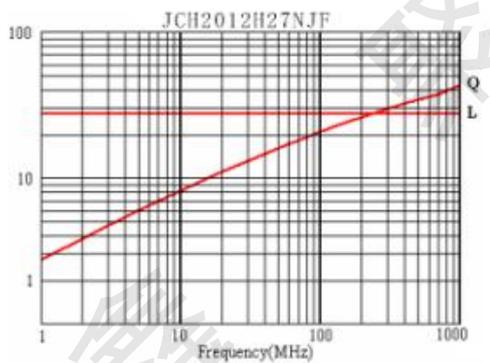
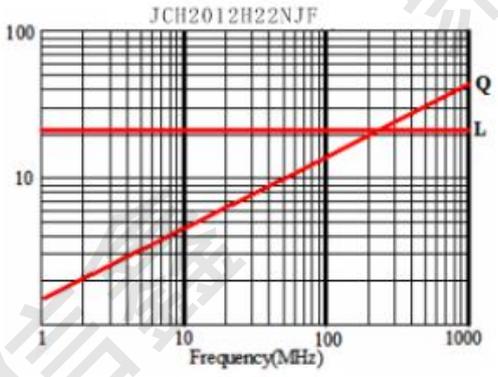
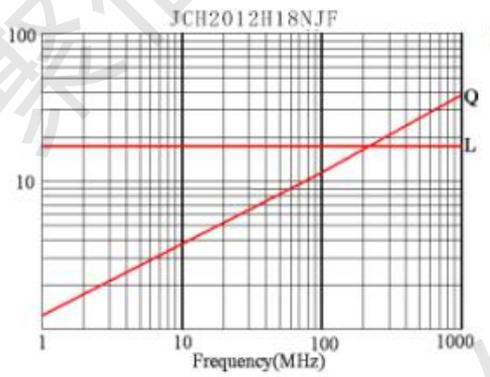
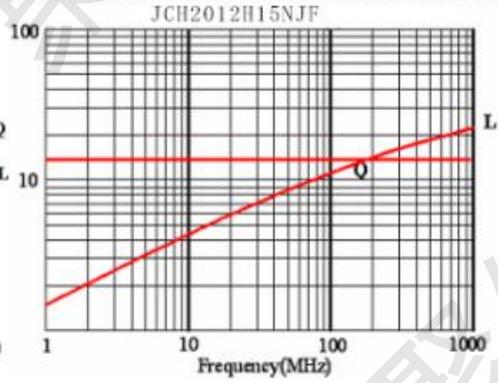
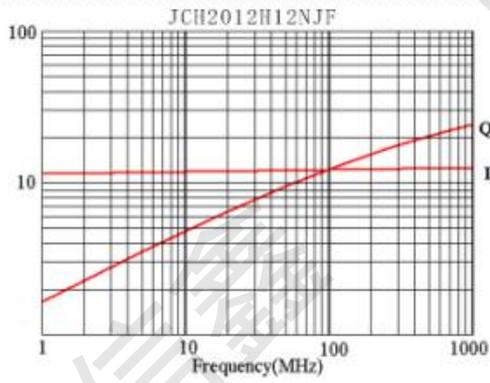
JCH2012 Type



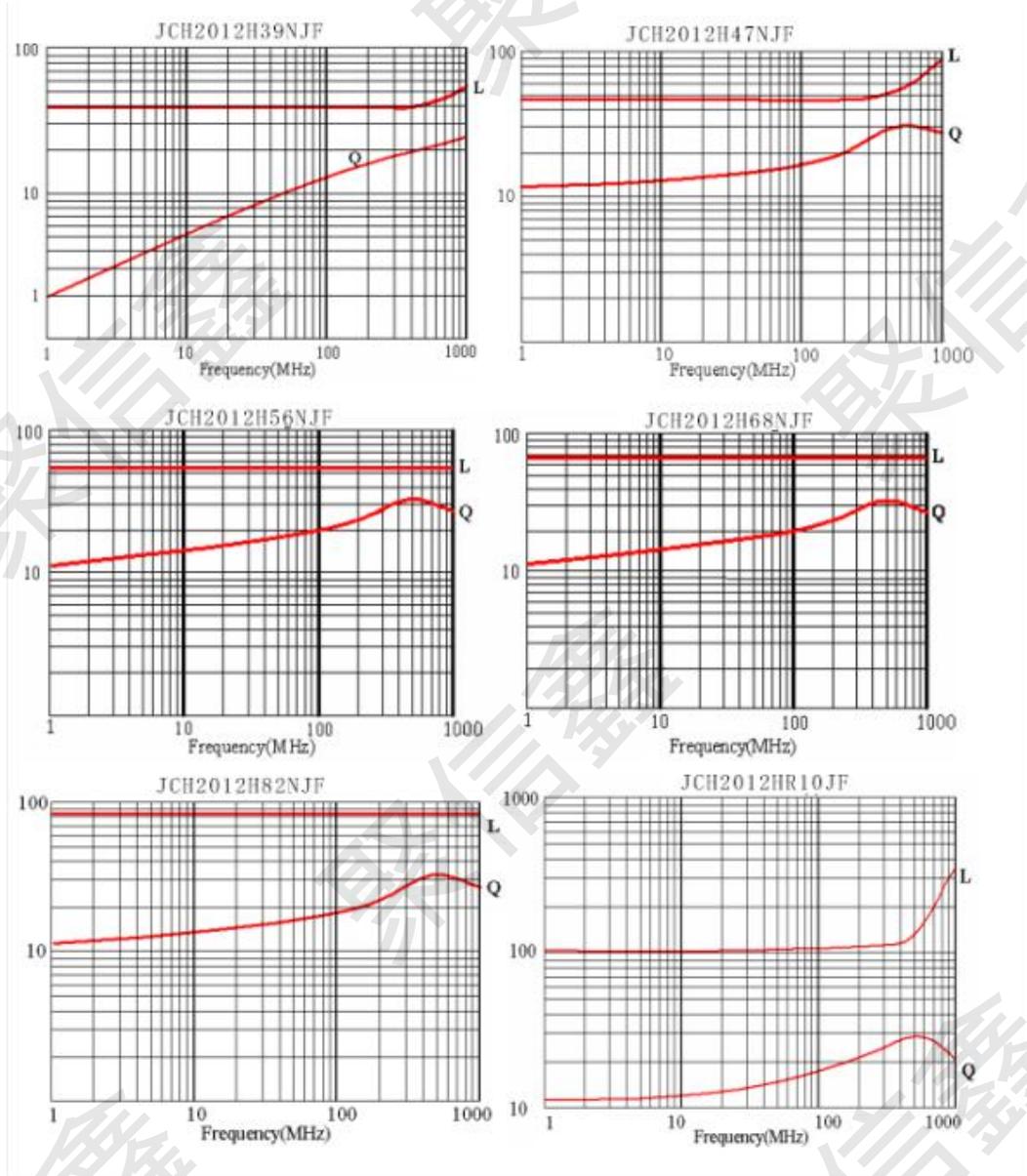
JCH2012 Type



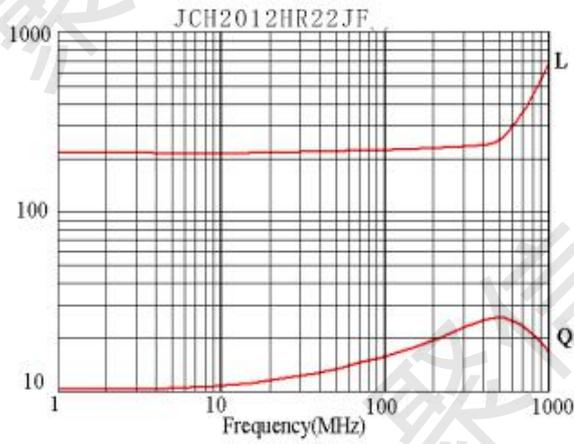
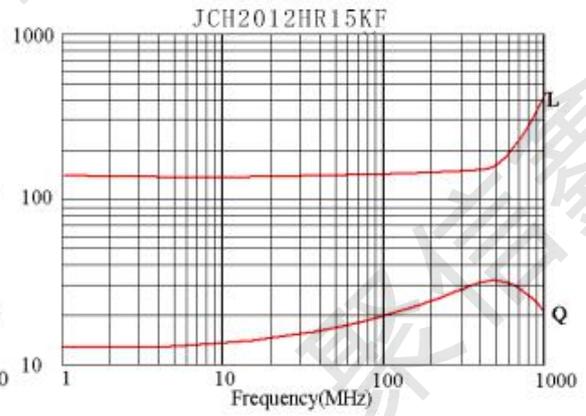
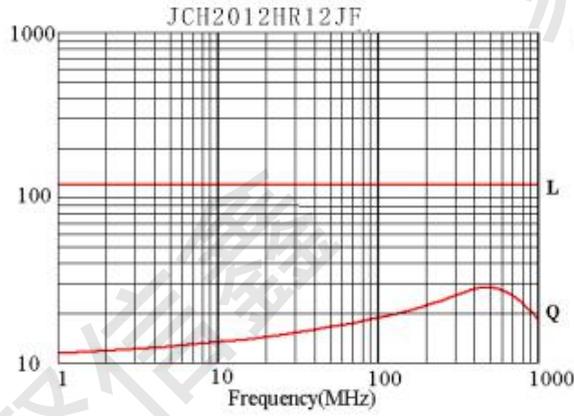
JCH2012 Type



JCH2012 Type

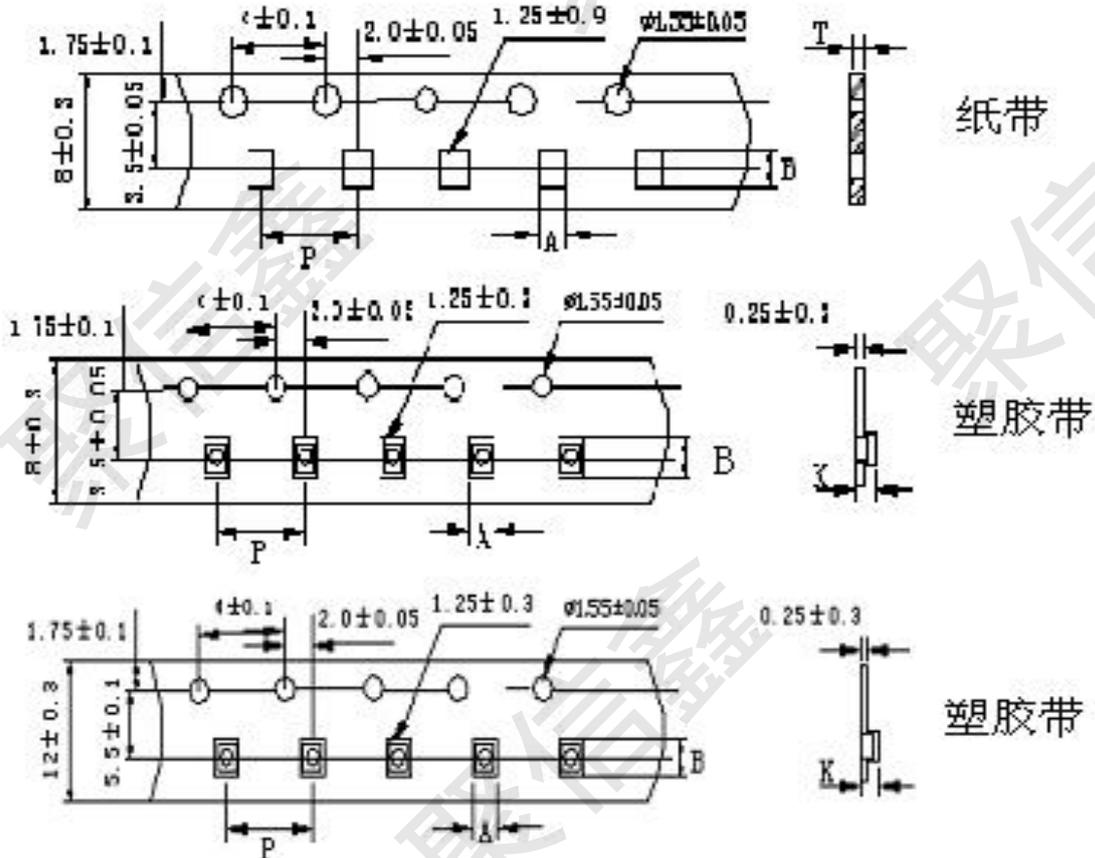


JCH2012 Type



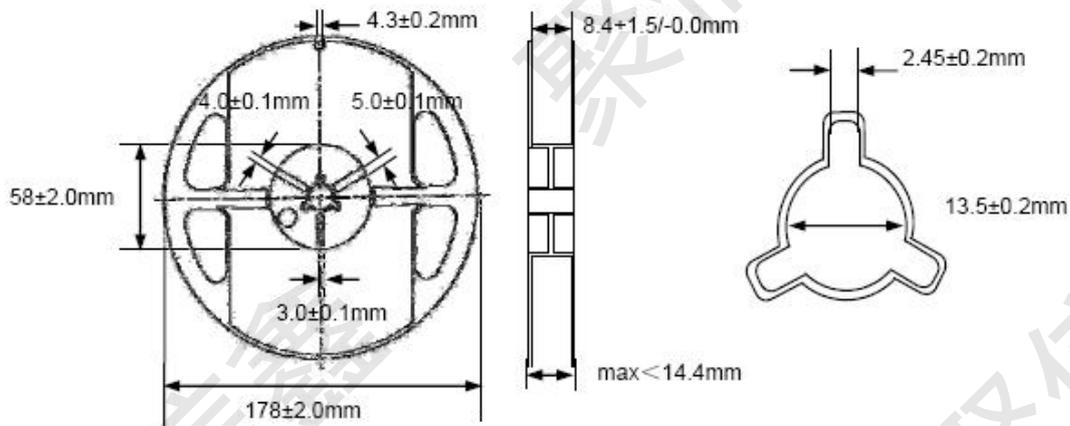
产品包装 Packaging

冲孔纸带和塑胶带:

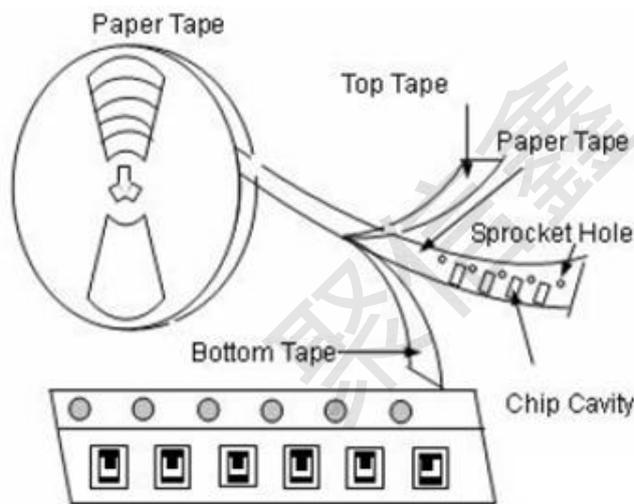


纸带						
TYPE	A	B	P	T	A1	B1
1005	0.62 ± 0.03	1.12 ± 0.03	2.00 ± 0.05	0.6 ± 0.02	0.10 ± 0.05	0.10 ± 0.05
1608	1.00 ± 0.10	1.80 ± 0.10	4.00 ± 0.10	0.95 ± 0.10	0.15 ± 0.10	0.30 ± 0.10
2012	1.50 ± 0.10	2.30 ± 0.10	4.00 ± 0.10	0.95 ± 0.10	0.30 ± 0.10	0.30 ± 0.10
3216	1.90 ± 0.10	3.60 ± 0.10	4.00 ± 0.10	0.95 ± 0.10	0.30 ± 0.10	0.50 ± 0.10
塑胶带						
TYPE	A	B	P	K		
1608	1.08 ± 0.1	1.88 ± 0.1	4.0 ± 0.1	1.05 ± 0.1		
2012	1.50 ± 0.1	2.32 ± 0.1	4.0 ± 0.1	1.40 ± 0.1		
3216	1.88 ± 0.1	3.5 ± 0.1	4.0 ± 0.1	1.27 ± 0.1		

带轮尺寸 (Unit: mm):



编带简图及拉伸方向:



包装数量 (单位: 粒) Packaging number (Unit: Pcs)

Type	1005	1608	2012	3216
T(mm)	0.5±0.15	0.8±0.15	1.2±0.20 0.8±0.20	1.10±0.3
Tape	盘装	盘装	盘装	盘装
Quantity	10k	4k	4k	4k