

产品承认书

Specification For Approved

版本: REV.A00

客户名称/Customer name:	N/A
客户品名/Customer name:	N/A
客户型号/Customer Model number:	N/A
客户料号/Customer material number:	N/A
巨维品名/JW name:	Common mode inductance
巨维型号/JW Model number:	HMSC4520-1513B-AC Series
巨维料号/JW Material number:	N/A

巨维签署/JW Signed			客户承认/Customer Approval		
制定 Prepared By	审核 Checked By	批准 Approved By	确认 Confirm By	审核 Checked By	承认 Approved By
唐秀玲	王瑞琳	欧奇林			
2024.8.22	2024.8.22	2024.8.22			

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Address: Room 3018, Aoxin Innovation Research Institute, Building 34, Chentian Industrial Zone, Xixiang Street, Baoan District, Shenzhen

工厂地址：中国 湖南省 衡阳市 衡山科学城 2-10栋

Address: Building 2-10, Hengshan Science City, Hengyang City, Hunan Province, China

JS-RD-SPEC-001/A0

深圳市巨维科技有限公司
Shenzhen Ju Wei Technology Co., Ltd

客户名称 Customer	N/A	品名 Name	Common mode inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B- AC Series	发行号 Release No.	JS-S-24082211

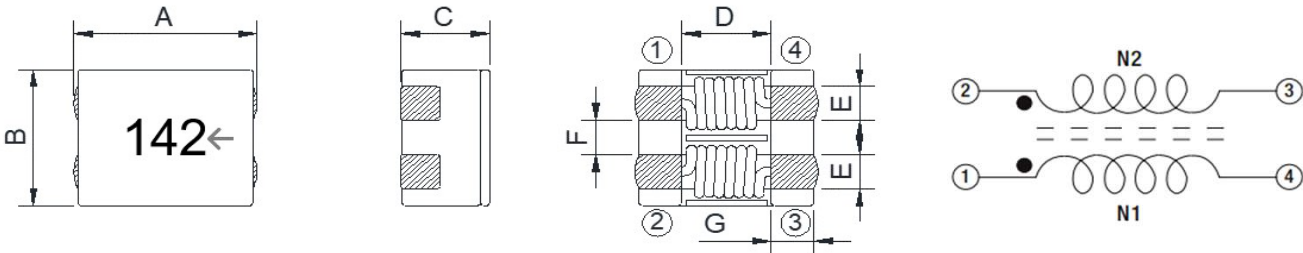
变更履历/Modify Record

版本 Ver.	变更内容/Change content	日期 Date	制定 Prepared By	审核 Checked By
A00	新发行/New release	2024.8.22	唐秀玲	王瑞琳

公司地址：深圳市宝安区西乡街道臣田工业区 34 栋奥芯创新研究院 3018 室
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客户名称 Customer	N/A	品名 Name	Common mode inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B- AC Series	发行号 Release No.	JS-S-24082211

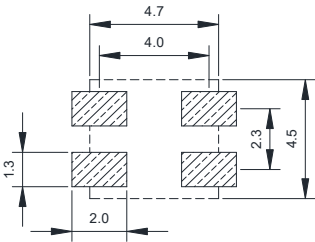
1. 产品形状尺寸(单位:毫米)/Product Shape size(Unit:mm):



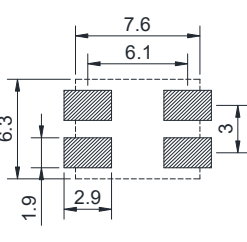
Series	Dimensions(mm)						
	A	B	C	D	E	F	G
HMSC4520	4.7±0.5	4.5±0.5	2.5Max	2.7Typ	0.9Typ	1.0Typ	1.0Typ
HMSC7060	7.0±0.5	6.0±0.5	3.8Max	3.5Typ	1.5±0.2	1.5±0.2	1.7±0.2
HMSC9070	9.0±0.5	7.0±0.5	4.8Max	5.6Typ	1.8±0.4	2.0±0.3	1.7±0.3
HMSC1211	12.1±0.5	10.8±0.5	6.5Max	7.0Typ	2.7±0.4	2.5±0.3	2.5±0.3
HMSC1513	15.3±0.5	13.0±0.5	6.5Max	9.0±0.4	3.2±0.3	3.0±0.4	3.0±0.3

参考基板尺寸/Reference land pattern (mm)

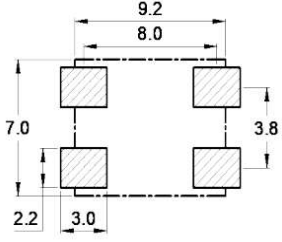
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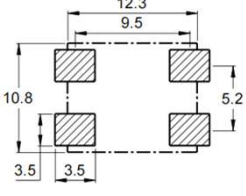
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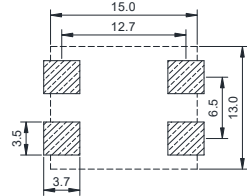
HMSC9070



HMSC1211



HMSC1513



客户名称 Customer	N/A	品名 Name	Common mode inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B- AC Series	发行号 Release No.	JS-S-24082211

2. 品名型号命名指南/Nomenclature guidelines for product models:

<u>J</u>	-	<u>HMSC</u>		<u>4520</u>		<u>A</u>	-	<u>900</u>		<u>P</u>	-	<u>X</u>
①		②		③		④		⑤		⑥		⑦
①	公司名称代码/Company name code											
J	巨晟电子代码/JUSHENG electronic code											
②	产品系列代码/Product family code											
HMSC	共模电感/Common mode inductance											
③	产品外形尺寸(毫米)/Product dimension(mm)											
4520	长4.7*宽4.5*高2.5毫米/Length4.7*Width4.5*Height2.5mm											
④	外观形状区分代码, 请参考产品形状尺寸页面											
A	Appearance shape distinguishes the code ,Please refer to the product shape and size page											
⑤	阻抗/IMPEDANCE											
900	900(90Ω) , 901(900Ω) ,											
⑥	电感容差字母代码/Inductance tolerance letter code											
P	(省略不标识)											
⑦	内部管理代码/Internal management code											
X	无代码为常规产品, 其它请咨询/No code regular product, other please consult											

3. 耐温等级/Temperature resistance class:

工作温度: -40℃~ +125℃(含自温升)
Operating Temperature : -40℃~ +125℃(Including self - temperature rise)

客户名称 Customer	N/A	品名 Name	Common mode inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B-AC Series	发行号 Release No.	JS-S-24082211

4. 电气性能表/Electrical Characteristics List:

HMSC4520-BAC Series

NO.	Part Number	Impedance 阻抗值 100MHz/0.1V		D.C.R (mΩ) Max. 直流电阻	Rated Current (A) Max. 额定电流	Rated Voltage (Vdc) Max. 额定电压	Insulation Resistance (MΩ) Min. 绝缘电阻
		Min. Value (Ω)	Typ. Value (Ω)				
1	J-HMSC4520A-900BAC	60.00	90.00	35.00	3.20	50.00	10.000
2	J-HMSC4520A-151BAC	90.00	150.00	40.00	3.20	50.00	10.000
3	J-HMSC4520A-231BAC	180.00	230.00	45.00	3.00	50.00	10.000
4	J-HMSC4520A-301BAC	200.00	300.00	45.00	3.00	50.00	10.000
5	J-HMSC4520A-381BAC	250.00	380.00	50.00	2.50	50.00	10.000
6	J-HMSC4520A-401BAC	300.00	420.00	50.00	2.50	50.00	10.000
7	J-HMSC4520A-501BAC	350.00	500.00	55.00	2.40	50.00	10.000
8	J-HMSC4520A-701BAC	500.00	700.00	58.00	2.20	50.00	10.000
9	J-HMSC4520A-901BAC	650.00	900.00	60.00	2.10	50.00	10.000
10	J-HMSC4520A-102BAC	800.00	1000.00	60.00	2.10	50.00	10.000
11	J-HMSC4520A-122BAC	1000.00	1200.00	70.00	2.00	50.00	10.000
12	J-HMSC4520A-142BAC	1200.00	1400.00	80.00	1.90	50.00	10.000
13	J-HMSC4520A-202BAC	1800.00	2000.00	80.00	1.50	50.00	10.000
14	J-HMSC4520A-302BAC	2500.00	3000.00	80.00	1.00	50.00	10.000
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Test remarks:

- 1.Inductance test condition: 100KHz/0.1V,All data is tested based on 25℃ ambient temperature.
- 2.Impedance measure condition at 100MHz,0.1V.
- 3.Rated current: the value of DC current when the temperature rise is AT40℃(Ta=25℃).
- 4.Storage condition: Temperature 5 to 40℃, RH≤70%.

客户名称 Customer	N/A	品名 Name	Common mode inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B-AC Series	发行号 Release No.	JS-S-24082211

4. 电气性能表/Electrical Characteristics List:

HMSC7060-BAC Series

NO.	Part Number	Inductance (uH) Typ. 电感值	Impedance 阻抗值 100MHz/0.1V		D.C.R (mΩ) Max. 直流电阻	Rated Current (A) Max. 额定电流	Rated Voltage (Vdc) Max. 额定电压	Insulation Resistance (MΩ) Min. 绝缘电阻
			Min. Value (Ω)	Typ. Value (Ω)				
1	J-HMSC7060A-400BAC	0.40	40.00	70.00	5.00	15.00	125.000	10.000
2	J-HMSC7060A-101BAC	0.90	100.00	140.00	8.00	9.00	125.000	10.000
3	J-HMSC7060A-201BAC	1.50	150.00	200.00	9.00	7.00	125.000	10.000
4	J-HMSC7060A-301BAC	2.40	225.00	300.00	10.00	6.00	125.000	10.000
5	J-HMSC7060A-501BAC	3.80	300.00	500.00	10.00	5.00	125.000	10.000
6	J-HMSC7060A-601BAC	3.80	400.00	600.00	10.00	5.00	125.000	10.000
7	J-HMSC7060A-701BAC	4.70	500.00	700.00	15.00	4.00	125.000	10.000
8	J-HMSC7060A-801BAC	4.70	600.00	800.00	15.00	4.00	125.000	10.000
9	J-HMSC7060A-102BAC	6.00	800.00	1020.00	17.00	3.00	125.000	10.000
10	J-HMSC7060A-132BAC	8.00	910.00	1300.00	21.00	2.50	125.000	10.000
11	J-HMSC7060A-202BAC	12.00	1500.00	2000.00	50.00	1.50	125.000	10.000
12	J-HMSC7060A-272BAC	14.00	2000.00	2700.00	63.00	1.00	125.000	10.000
13	J-HMSC7060A-302BAC	19.00	2500.00	3000.00	75.00	0.90	125.000	10.000
14	J-HMSC7060A-402BAC	22.00	3300.00	4000.00	100.00	0.80	125.000	10.000
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Test remarks:

- 1.Inductance test condition: 100KHz/0.1V,All data is tested based on 25℃ ambient temperature.
- 2.Impedance measure condition at 100MHz,0.1V.
- 3.Rated current: the value of DC current when the temperature rise is AT40℃(Ta=25℃).
- 4.Storage condition: Temperature 5 to 40℃, RH≤70%.

客户名称 Customer	N/A	品名 Name	Common mode inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B-AC Series	发行号 Release No.	JS-S-24082211

4. 电气性能表/Electrical Characteristics List:

HMSC9070-BAC Series

NO.	Part Number	Inductance (uH) Typ. 电感值	Impedance 阻抗值 100MHz/0.1V		D.C.R (mΩ) Max. 直流电阻	Rated Current (A) Max. 额定电流	Rated Voltage (Vdc) Max. 额定电压	Insulation Resistance (MΩ) Min. 绝缘电阻
			Min. Value (Ω)	Typ. Value (Ω)				
1	J-HMSC9070A-301BAC	1.40	225.00	300.00	6.00	6.00	80.000	10.000
2	J-HMSC9070A-501BAC	2.20	375.00	500.00	8.00	5.50	80.000	10.000
3	J-HMSC9070A-701BAC	3.20	500.00	700.00	10.00	5.00	80.000	10.000
4	J-HMSC9070A-102BAC	5.60	750.00	1000.00	13.00	4.50	80.000	10.000
5	J-HMSC9070A-132BAC	7.00	1000.00	1300.00	20.00	4.00	80.000	10.000
6	J-HMSC9070A-152BAC	7.20	1200.00	1500.00	20.00	4.00	80.000	10.000
7	J-HMSC9070A-202BAC	9.00	1500.00	2000.00	30.00	3.50	80.000	10.000
8	J-HMSC9070A-222BAC	10.80	1700.00	2200.00	50.00	3.00	80.000	10.000
9	J-HMSC9070A-272BAC	12.80	2000.00	2700.00	60.00	2.80	80.000	10.000
10	J-HMSC9070A-302BAC	15.00	2500.00	3000.00	70.00	2.70	80.000	10.000
11	J-HMSC9070A-402BAC	19.50	3500.00	4000.00	80.00	2.50	80.000	10.000
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Test remarks:

- 1.Inductance test condition: 100KHz/0.1V,All data is tested based on 25°C ambient temperature.
- 2.Impedance measure condition at 100MHz,0.1V.
- 3.Rated current: the value of DC current when the temperature rise is AT40°C(Ta=25°C).
- 4.Storage condition: Temperature 5 to 40°C, RH≤70%.

客户名称 Customer	N/A	品名 Name	Common mode inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B-AC Series	发行号 Release No.	JS-S-24082211

4. 电气性能表/Electrical Characteristics List:

HMSC1211-BAC Series

NO.	Part Number	Inductance (uH) Typ. 电感值	Impedance 阻抗值 100MHz/0.1V		D.C.R (mΩ) Max. 直流电阻	Rated Current (A) Max. 额定电流	Rated Voltage (Vdc) Max. 额定电压	Insulation Resistance (MΩ) Min. 绝缘电阻
			Min. Value (Ω)	Typ. Value (Ω)				
1	J-HMSC1211A-800BAC	1.40	80.00	230.00	2.00	12.00	125.000	10.000
2	J-HMSC1211A-231BAC	1.40	80.00	230.00	3.00	12.00	125.000	10.000
3	J-HMSC1211A-101BAC	1.40	100.00	230.00	3.00	12.00	125.000	10.000
4	J-HMSC1211A-301BAC	2.50	175.00	350.00	4.00	10.00	125.000	10.000
5	J-HMSC1211A-501BAC	4.00	300.00	500.00	5.00	10.00	125.000	10.000
6	J-HMSC1211A-701BAC	7.70	500.00	700.00	6.00	8.00	125.000	10.000
7	J-HMSC1211A-801BAC	9.80	600.00	800.00	8.00	8.00	125.000	10.000
8	J-HMSC1211A-102BAC	12.00	750.00	1000.00	12.00	6.00	125.000	10.000
9	J-HMSC1211A-152BAC	14.50	1200.00	1500.00	20.00	5.00	125.000	10.000
10	J-HMSC1211A-202BAC	17.50	1700.00	2000.00	25.00	4.00	125.000	10.000
11	J-HMSC1211A-222BAC	21.50	2200.00	2500.00	35.00	3.00	125.000	10.000
12	J-HMSC1211A-272BAC	29.00	2300.00	2700.00	50.00	2.00	125.000	10.000
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Test remarks:

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- 2.Impedance measure condition at 100MHz,0.1V.
- 3.Rated current: the value of DC current when the temperature rise is AT40°C(Ta=25°C).
- 4.Storage condition: Temperature 5 to 40°C, RH≤70%.

客户名称 Customer	N/A	品名 Name	Common mode inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B-AC Series	发行号 Release No.	JS-S-24082211

4. 电气性能表/Electrical Characteristics List:

HMSC1513-BAC Series

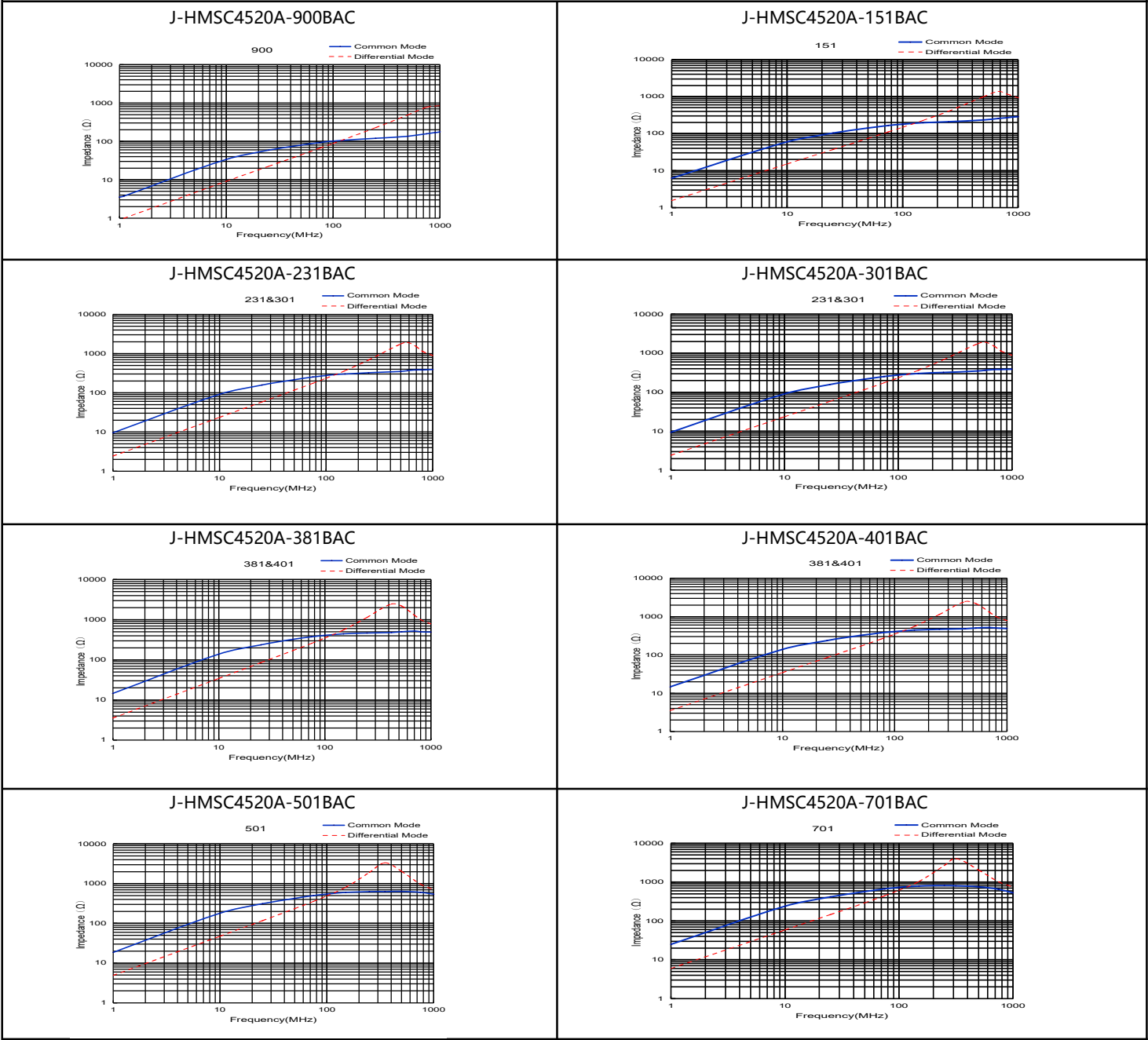
NO.	Part Number	Inductance (uH) ± 50 % 电感值	Impedance 阻抗值 100MHz/0.1V		D.C.R (mΩ) Max. 直流电阻	Rated Current (A) Max. 额定电流	Rated Voltage (Vdc) Max. 额定电压	Insulation Resistance (MΩ) Min. 绝缘电阻
			Min. Value (Ω)	Typ. Value (Ω)				
1	J-HMSC1513A-101BAC	1.10	100.00	200.00	3.00	13.00	80.000	10.000
2	J-HMSC1513A-301BAC	2.00	180.00	300.00	4.00	13.00	80.000	10.000
3	J-HMSC1513A-501BAC	3.20	400.00	500.00	5.00	12.00	80.000	10.000
4	J-HMSC1513A-551BAC	3.20	450.00	550.00	5.00	12.00	80.000	10.000
5	J-HMSC1513A-701BAC	4.70	500.00	700.00	6.00	10.00	80.000	10.000
6	J-HMSC1513A-102BAC	6.30	800.00	1000.00	8.00	10.00	80.000	10.000
7	J-HMSC1513A-152BAC	8.30	1300.00	1500.00	10.00	10.00	80.000	10.000
8	J-HMSC1513A-222BAC	12.80	1700.00	2200.00	14.00	8.00	80.000	10.000
9	J-HMSC1513A-302BAC	18.00	2500.00	3000.00	18.00	5.00	80.000	10.000
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Test remarks:

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- 3.Rated current: the value of DC current when the temperature rise is AT40℃(Ta=25℃).
- 4.Storage condition: Temperature 5 to 40℃, RH≤70%.

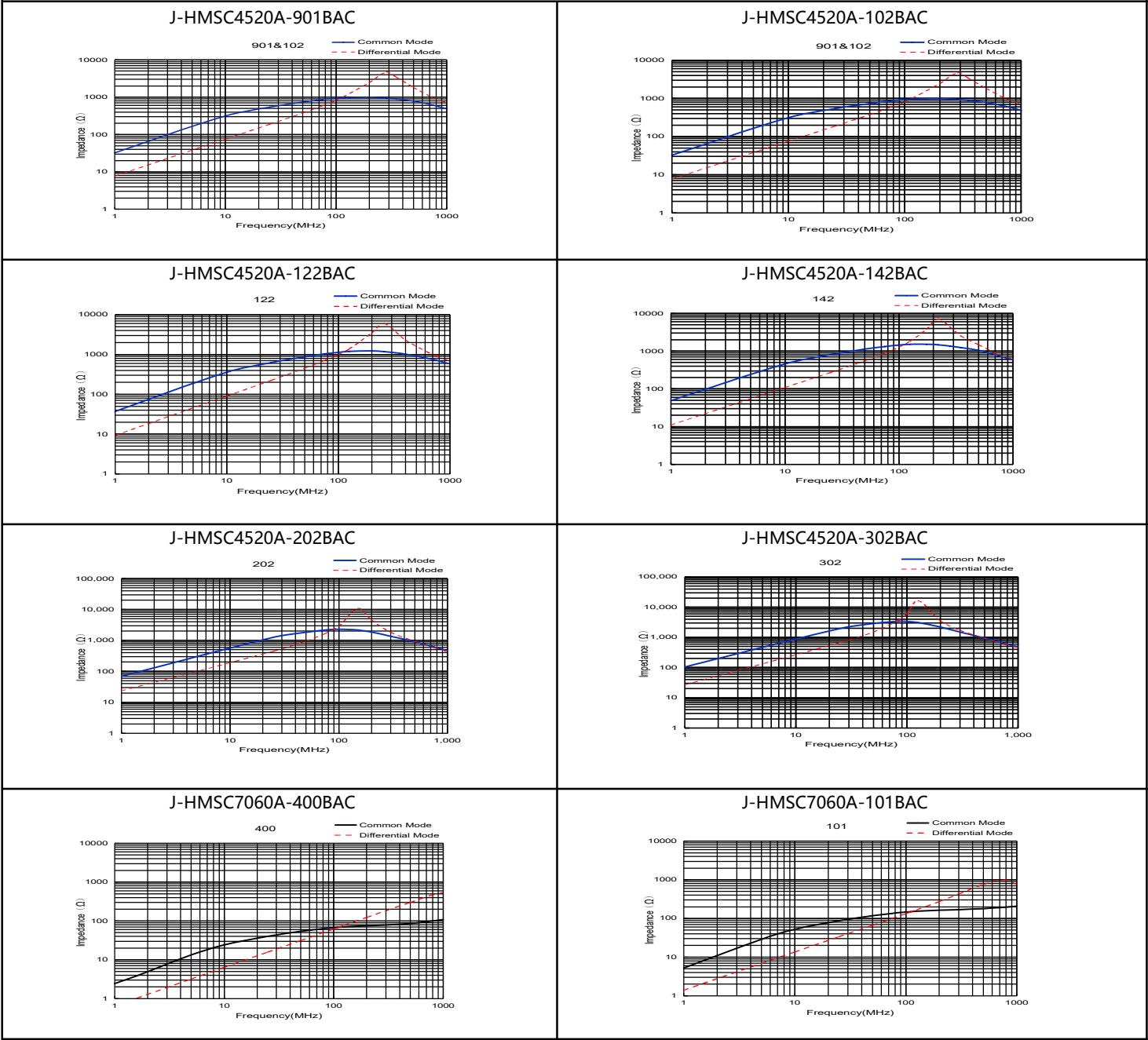
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客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B-AC Series	发行号 Release No.	JS-S-24082211

5. 曲线图/



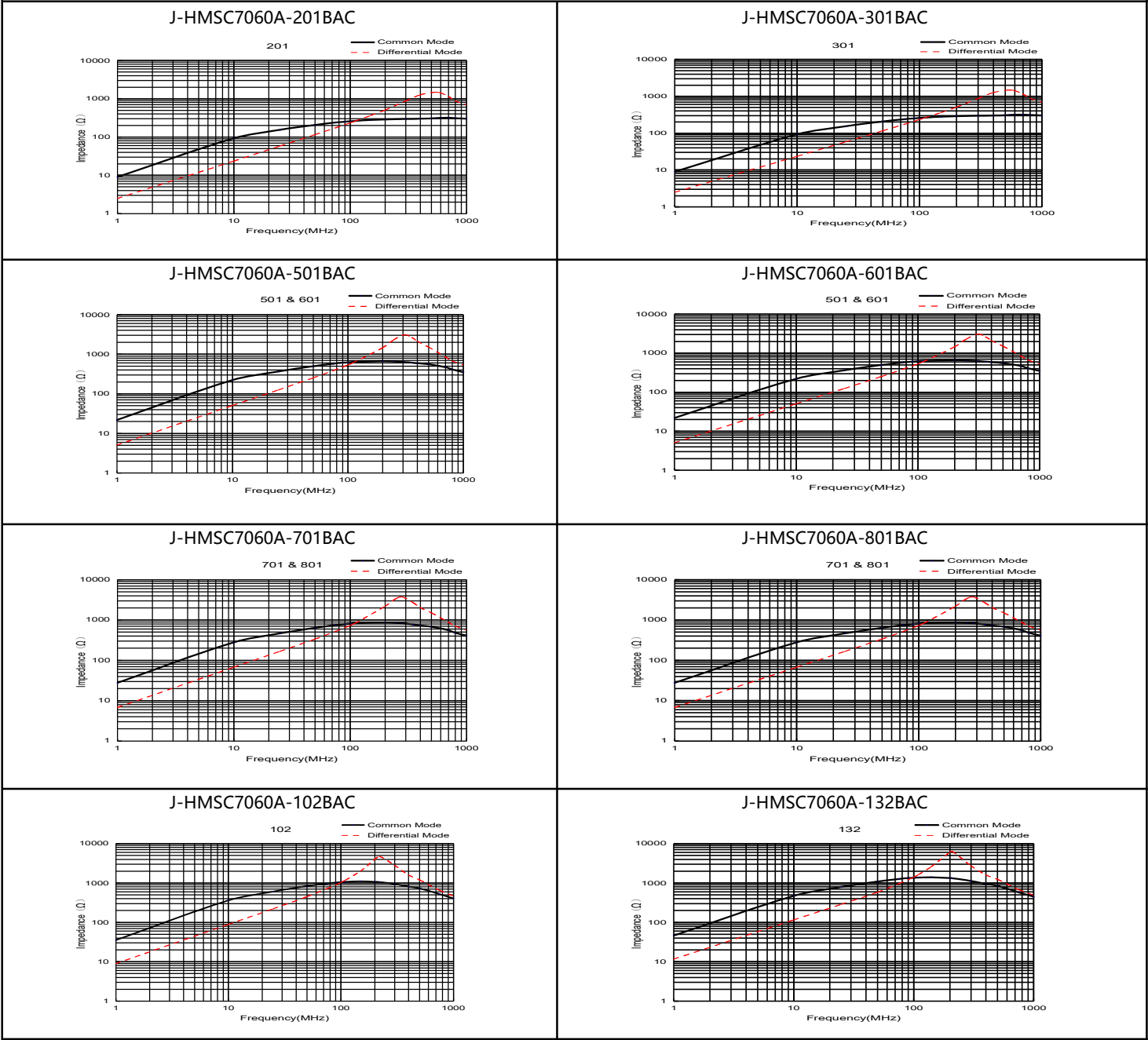
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客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B-AC Series	发行号 Release No.	JS-S-24082211

5. 曲线图/



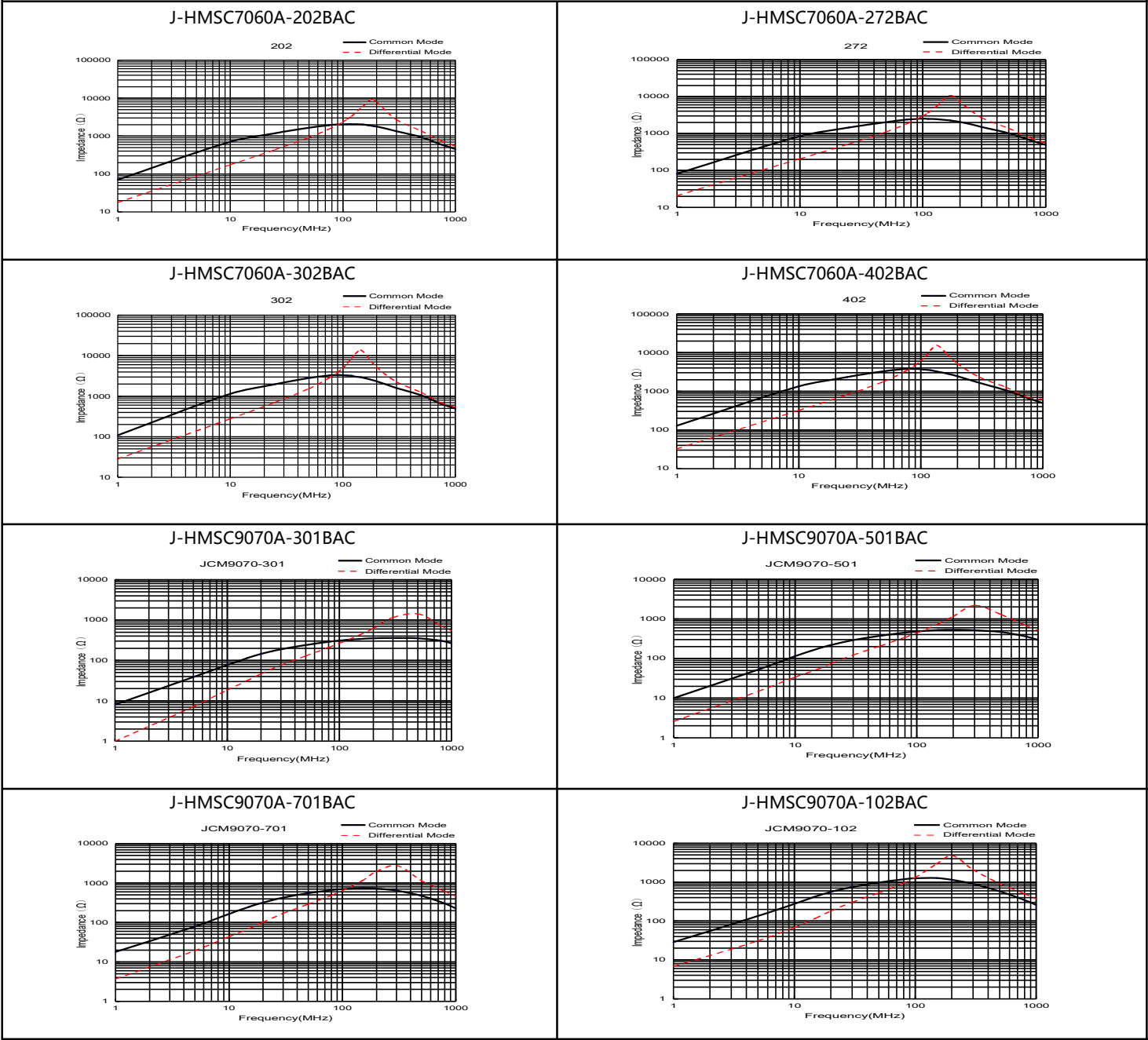
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客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
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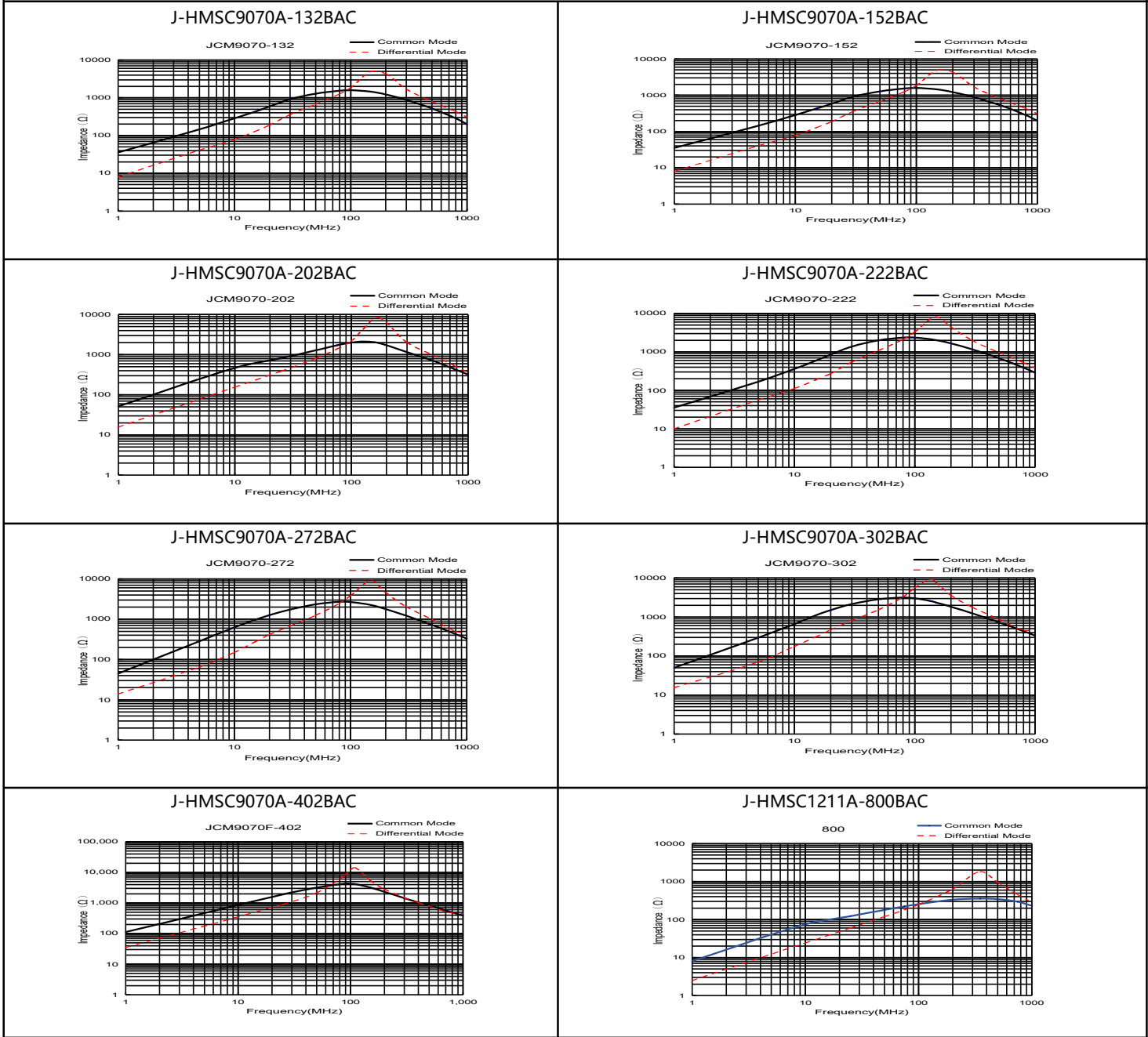
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5. 曲线图/



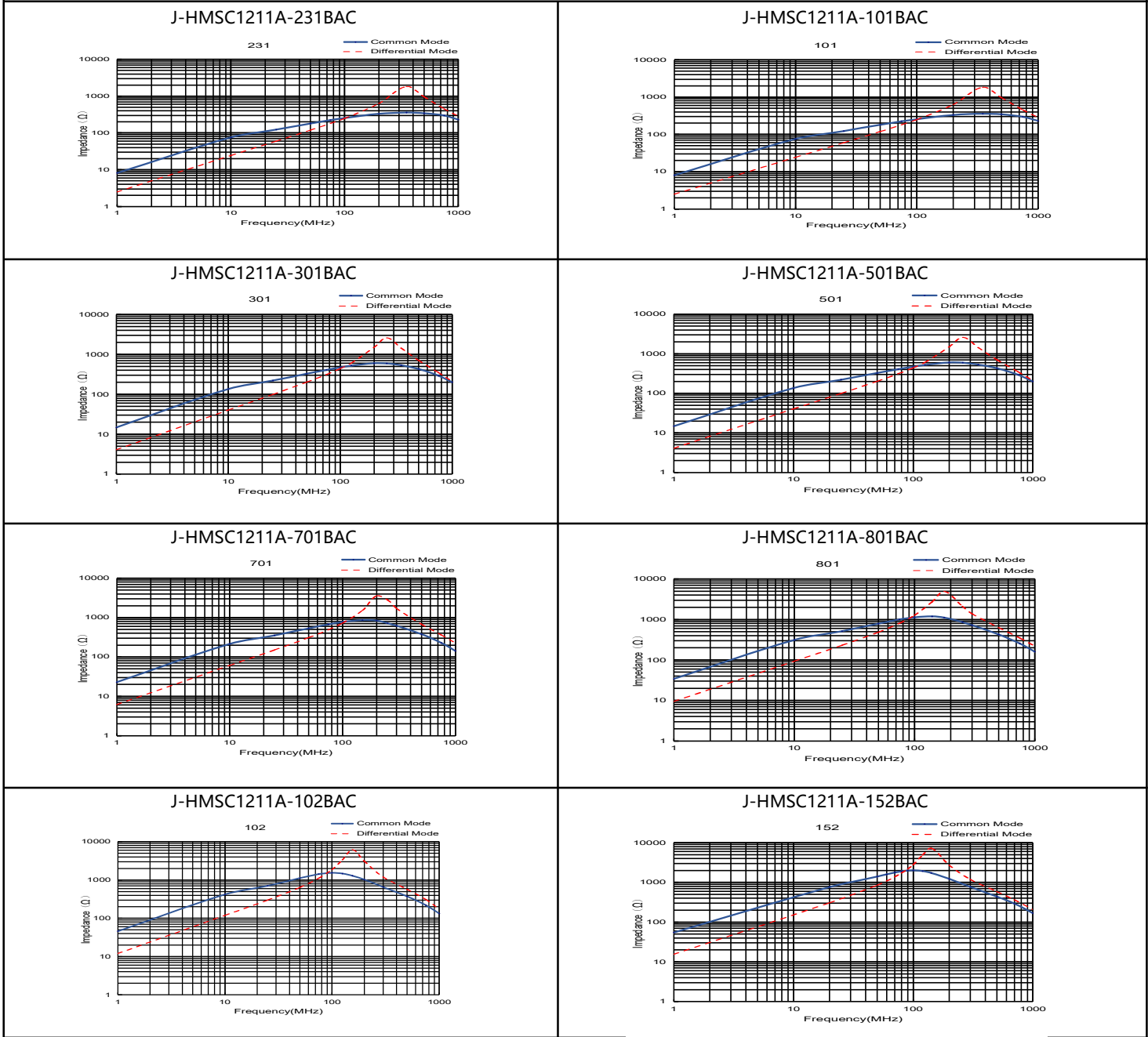
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客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B- AC Series	发行号 Release No.	JS-S-24082211

5. 曲线图/



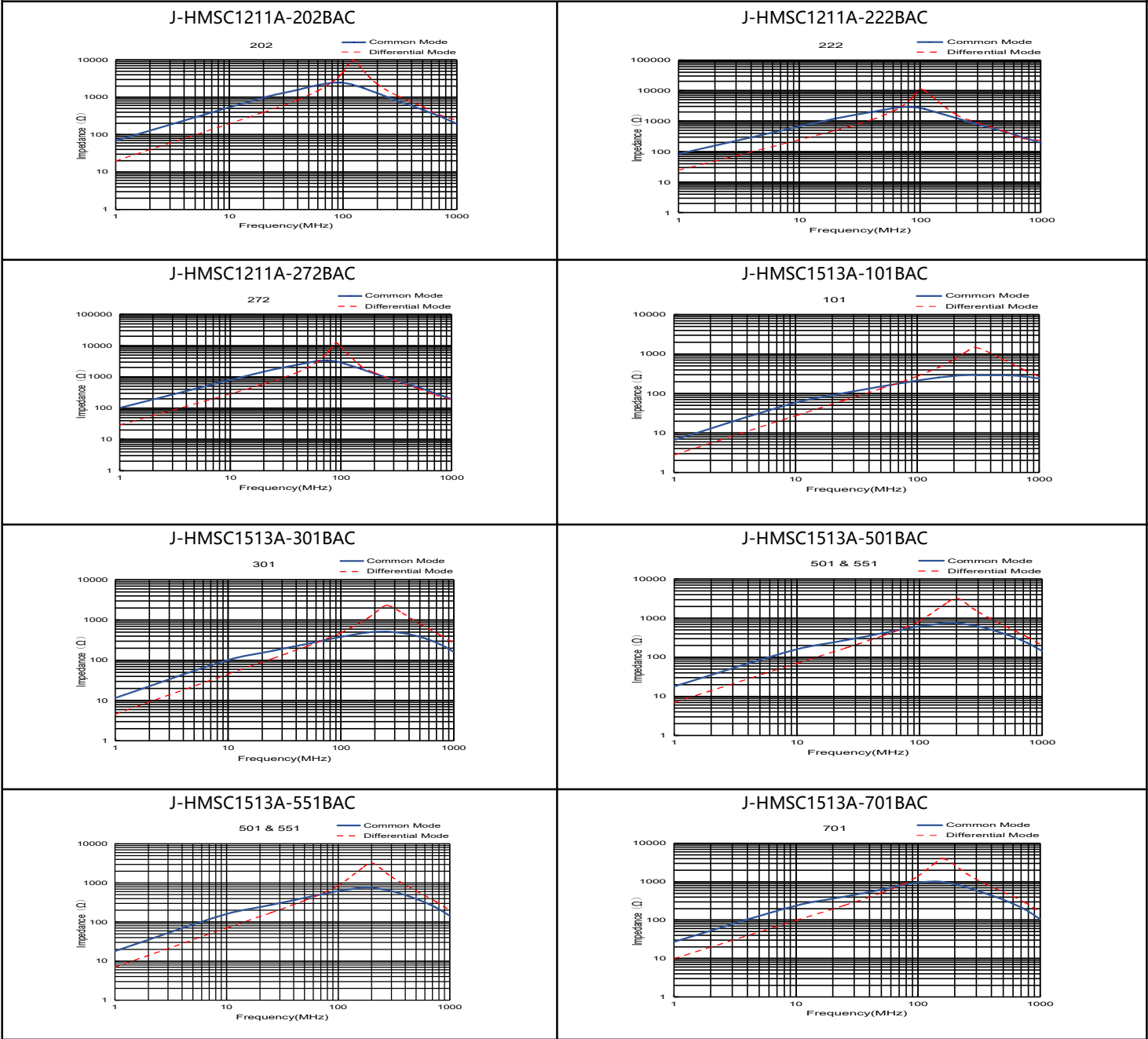
客户名称 Customer	N/A	品名 Name	Common mode inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B-AC Series	发行号 Release No.	JS-S-24082211

5. 曲线图/



客户名称 Customer	N/A	品名 Name	Common mode inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B-AC Series	发行号 Release No.	JS-S-24082211

5. 曲线图/



客户名称 Customer	N/A	品名 Name	Common mode inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
客户料号 Customer No.	N/A	型号 Model No.	HMSC4520-1513B-AC Series	发行号 Release No.	JS-S-24082211

5. 曲线图/

