

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:

HMSC0905 B-UCSeries

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
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2024.8.22	2024.8.22	2024.8.22			

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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.	HMSC0905 B-UC Series	发行号 Release No.	JS-S-24082216

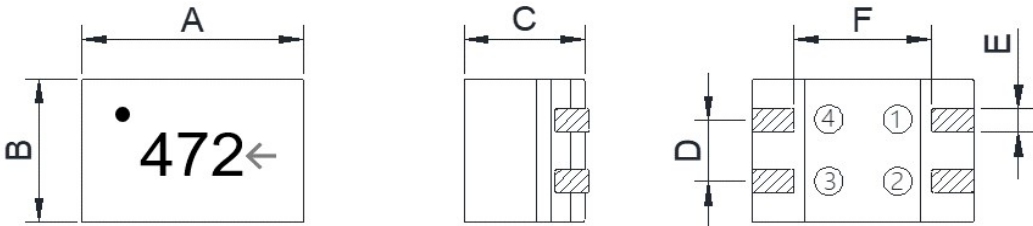
变更履历/Modify Record

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

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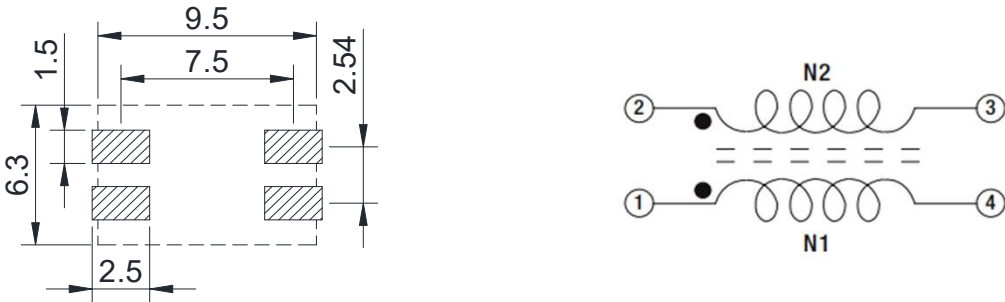
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1. 产品形状尺寸(单位:毫米)/Product Shape size(Unit:mm):



Series	Dimensions(mm)					
	A	B	C	D	E	F
HMSC0905	9.2±0.3	6.0±0.3	5.0±0.3	2.54Typ	1.0Typ	5.7Typ

参考基板尺寸/Reference land pattern (mm)



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

<u>J</u>	-	<u>HMSC</u>		<u>0905</u>		<u>A</u>	-	<u>101</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 CHOKE											
③	产品外形尺寸(毫米)/Product dimension(mm)											
0905	长9.2*宽6.0*高5.0毫米/Length9.0*Width6.0*Height5.0mm											
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	100(10Ω) , 101(100Ω) ,											
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℃~ +105℃(含自温升)
Operating Temperature : -40℃~ +105℃(Including self - temperature rise)

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4. 电气性能表/Electrical Characteristics List:

HMSC0905 B-UC Series

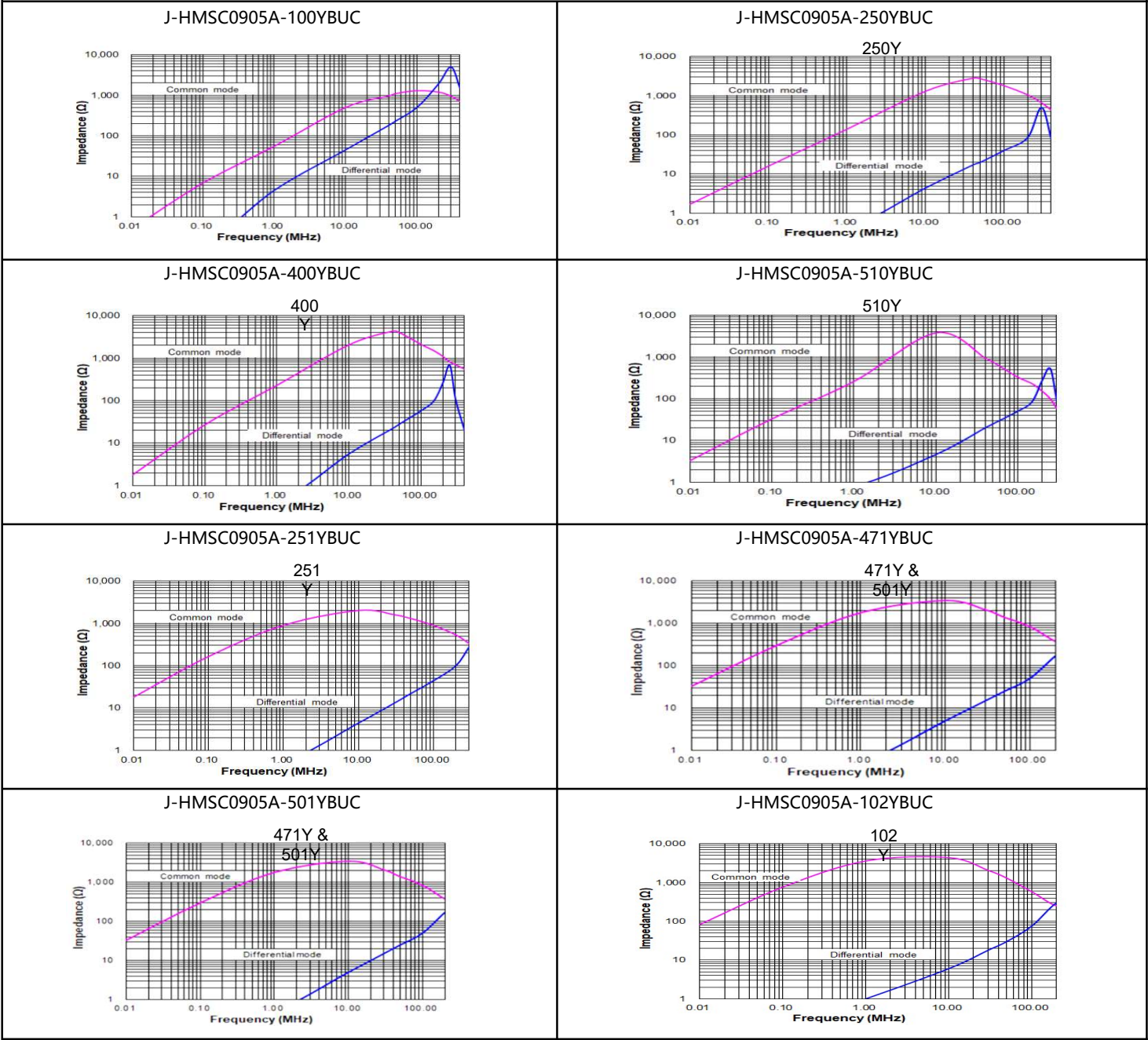
NO.	Part Number	Inductance (uH) 电感值	LeakageInd. Inductance (uH) Typ. 漏感	D.C.R (Ω) max. 直流电阻	Rated Voltage (Vdc) max. 额定电压	Rated Current (A) 额定电流	Impedance 阻抗值	
							Frequency Range (MHz)	Min. Value (Ω)
1	J-HMSC0905A-100YBUC	10 +50%/-30%	8.00	0.08	80.00	1.60	20 - 300	200
2	J-HMSC0905A-250YBUC	25 +50%/-30%	16.00	0.16	80.00	1.00	20 - 150	600
3	J-HMSC0905A-400YBUC	40 +50%/-30%	18.00	0.25	80.00	0.90	20 - 100	800
4	J-HMSC0905A-510YBUC	51 +50%/-30%	22.00	0.32	80.00	0.80	20 - 100	1500
5	J-HMSC0905A-251YBUC	250 ± 50%	0.11	0.13	80.00	1.20	3-20	600
6	J-HMSC0905A-471YBUC	470 ± 50%	0.12	0.14	80.00	1.10	2-20	1000
7	J-HMSC0905A-501YBUC	500 ± 50%	0.12	0.15	80.00	1.00	1-20	1000
8	J-HMSC0905A-102YBUC	1000 ± 50%	0.17	0.31	80.00	0.80	1-15	1500
9	J-HMSC0905A-202YBUC	2000 ± 50%	0.25	0.42	80.00	0.60	1-5	3000
10	J-HMSC0905A-472YBUC	4700 ± 50%	0.36	0.90	80.00	0.40	0.3 - 3	4000
11	J-HMSC0905A-652YBUC	6500 ± 50%	0.39	1.05	80.00	0.30	0.3 - 2	5000
12								
13								
14								
15								
16								
17								

Test remarks:

- 1.Test condition: 5-1000μH,100KHz/0.1V; 2000-4700μH,10KHz/0.1V,All data is tested based on 25℃ ambient temperature.
- 2.Impedance measure condition reference frequency range.
- 3.Leakage inductance is for L1 and is measured with L2 shorted.
- 4.Rated current: the value of DC current when the temperature rise is AT40℃(Ta=25℃).

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5. 阻抗值 VS 频率曲线/Impedance vs Frequency Curve



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