

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:	Wire wound SMD inductor
巨维型号/JW Model number:	NCR 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			
2024.9.9	2024.9.9	2024.9.9			

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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	Wire wound SMD inductor	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.9
客户料号 Customer No.	N/A	型号 Model No.	NCR Series	发行号 Release No.	JS-S-24090902

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	2024.9.9	唐秀玲	王瑞琳

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

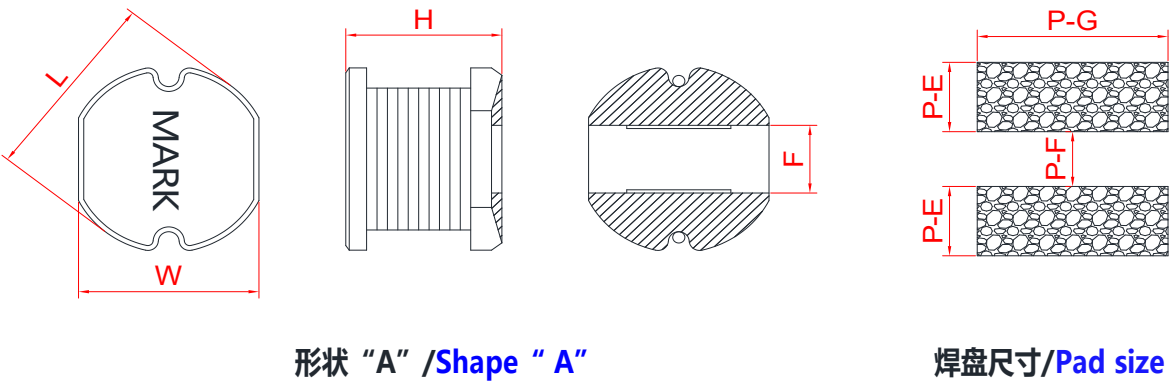
<u>J</u>	-	<u>NCR</u>	<u>585230</u>	<u>A</u>	-	<u>4R7</u>	<u>M</u>	-	<u>X</u>
①		②	③	④		⑤	⑥		⑦
①	公司名称代码/Company name code								
J	巨晟电子代码/JUSHENG electronic code								
②	产品系列代码 (NCR: 绕线贴片电感系列)								
NCR	Product family code (NCR: Wire wound SMD inductor series)								
③	产品外形尺寸(毫米)/Product dimension(mm)								
585230	长5.8*宽5.2*高3.0毫米/Length5.8 *Width5.2 *Height3.0mm								
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	电感量标识(亨利)/Inductance identification(H)								
4R7	R47(0.47μH) , 4R7(4.7μH) , 100(10μH) , 101(100μH) , 202(2000μH)								
⑥	电感容差字母代码/Inductance tolerance letter code								
M	J±5% , K±10% , L±15% , M±20% , P±25% , N±30%								
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								

2. 材料表/Material List:

No.	Material	Specification	Supplier	Temp.Class
1	Core	Ferrite Core	MT/CY/MG/DC	
2	Wire	Polyurethane Enamelled Copper Wire	YLSL/TPY	
3	Solder	Sn99.3-Cu0.7	YC	

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



Model	L	W	H	F	P-E	P-F	P-G
NCR353020A	3.5±0.3	3.0±0.3	2.1±0.3	1.0 Ref	1.6 Ref	0.8 Ref	3.5 Ref
NCR454030A	4.5±0.3	4.0±0.3	3.2±0.3	1.5 Ref	1.75 Ref	1.2 Ref	4.5 Ref
NCR585230A	5.8±0.3	5.2±0.3	3.0±0.3	2.1 Ref	2.15 Ref	1.7 Ref	5.5 Ref
NCR585245A	5.8±0.3	5.2±0.3	4.5±0.3	2.1 Ref	2.15 Ref	1.7 Ref	5.5 Ref
NCR787050A	7.8±0.3	7.0±0.3	5.0±0.3	2.5 Ref	3.0 Ref	2.0 Ref	7.5 Ref
NCR1009040A	10.0±0.3	9.0±0.3	4.0±0.3	3.3 Ref	3.75 Ref	2.6 Ref	9.5 Ref
NCR1009050A	10.0±0.3	9.0±0.3	5.4±0.3	3.3 Ref	3.75 Ref	2.6 Ref	9.5 Ref
NCR1009065A	10.0±0.3	9.0±0.3	6.5±0.3	3.3 Ref	3.75 Ref	2.6 Ref	9.5 Ref
NCR1009080A	10.0±0.3	9.0±0.3	8.3±0.3	3.3 Ref	3.75 Ref	2.6 Ref	9.5 Ref

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4. NCR353020A电气性能表/Electrical Characteristics List:

NO.	Part Number	Inductance (uH)	DCR (Ω)	IDC (A)	Inductance tolerance
			Max.	Max.	
1	J-NCR353020A-1R0N	1.0	0.045	2.20	±30%
2	J-NCR353020A-1R5N	1.5	0.055	2.00	±30%
3	J-NCR353020A-2R2M	2.2	0.090	1.80	±20%
4	J-NCR353020A-3R3M	3.3	0.11	1.70	±20%
5	J-NCR353020A-4R7M	4.7	0.15	1.50	±20%
6	J-NCR353020A-6R8M	6.8	0.22	1.10	±20%
7	J-NCR353020A-100M	10.0	0.27	0.90	±20%
8	J-NCR353020A-150M	15.0	0.42	0.70	±20%
9	J-NCR353020A-220M	22.0	0.68	0.60	±20%
10	J-NCR353020A-330M	33.0	0.90	0.45	±20%
11	J-NCR353020A-470M	47.0	1.20	0.30	±20%
12	J-NCR353020A-560M	56.0	1.40	0.28	±20%
13	J-NCR353020A-680M	68.0	1.80	0.25	±20%
14	J-NCR353020A-820M	82.0	2.10	0.22	±20%
15	J-NCR353020A-101M	100.0	2.40	0.20	±20%
16	J-NCR353020A-151M	150.0	3.80	0.15	±20%

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4. NCR454030A电气性能表/Electrical Characteristics List:

NO.	Part Number	Inductance (uH)	DCR (Ω)	IDC (A)	Inductance tolerance
			Max.	Max.	
1	J-NCR454030A-1R0N	1.0	0.025	3.00	±30%
2	J-NCR454030A-1R5N	1.5	0.032	2.70	±30%
3	J-NCR454030A-2R2M	2.2	0.045	2.50	±20%
4	J-NCR454030A-3R3M	3.3	0.065	2.10	±20%
5	J-NCR454030A-4R7M	4.7	0.075	1.80	±20%
6	J-NCR454030A-6R8M	6.8	0.10	1.60	±20%
7	J-NCR454030A-100M	10.0	0.14	1.20	±20%
8	J-NCR454030A-150M	15.0	0.23	1.00	±20%
9	J-NCR454030A-220M	22.0	0.30	0.75	±20%
10	J-NCR454030A-330M	33.0	0.42	0.70	±20%
11	J-NCR454030A-470M	47.0	0.58	0.50	±20%
12	J-NCR454030A-680M	68.0	0.935	0.45	±20%
13	J-NCR454030A-820M	82.0	1.00	0.40	±20%
14	J-NCR454030A-101K/M	100.0	1.30	0.30	±10%/±20%
15	J-NCR454030A-151K/M	150.0	2.00	0.25	±10%/±20%
16	J-NCR454030A-221K/M	220.0	2.70	0.20	±10%/±20%
17	J-NCR454030A-331K/M	330.0	3.60	0.18	±10%/±20%
18	J-NCR454030A-471K/M	470.0	6.00	0.15	±10%/±20%

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4. NCR585230A电气性能表/Electrical Characteristics List:

NO.	Part Number	Inductance (uH)	DCR (Ω)	IDC (A)	Inductance tolerance
			Max.	Max.	
1	J-NCR585230A-1R0N	1.0	0.028	6.00	±30%
2	J-NCR585230A-1R5N	1.5	0.035	3.50	±30%
3	J-NCR585230A-2R2M	2.2	0.040	3.00	±20%
4	J-NCR585230A-3R3M	3.3	0.055	2.80	±20%
5	J-NCR585230A-4R7M	4.7	0.07	2.60	±20%
6	J-NCR585230A-6R8M	6.8	0.09	2.40	±20%
7	J-NCR585230A-100M	10.0	0.12	2.00	±20%
8	J-NCR585230A-150M	15.0	0.18	1.80	±20%
9	J-NCR585230A-220M	22.0	0.26	1.60	±20%
10	J-NCR585230A-330M	33.0	0.38	1.20	±20%
11	J-NCR585230A-470M	47.0	0.57	1.00	±20%
12	J-NCR585230A-680M	68.0	0.68	0.80	±20%
13	J-NCR585230A-820M	82.0	0.86	0.70	±20%
14	J-NCR585230A-101K/M	100.0	0.96	0.65	±10%/±20%
15	J-NCR585230A-221K/M	220.0	2.10	0.30	±10%/±20%
16	J-NCR585230A-331K/M	330.0	4.00	0.25	±10%/±20%
17	J-NCR585230A-471K/M	470.0	5.30	0.20	±10%/±20%
18	J-NCR585230A-681K/M	680.0	8.00	0.18	±10%/±20%

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4. NCR585245A电气性能表/Electrical Characteristics List:

NO.	Part Number	Inductance (uH)	DCR (Ω)	IDC (A)	Inductance tolerance
			Max.	Max.	
1	J-NCR585245A-1R2N	1.2	0.019	4.50	±30%
2	J-NCR585245A-1R5N	1.5	0.021	4.20	±30%
3	J-NCR585245A-2R2M	2.2	0.026	3.50	±20%
4	J-NCR585245A-3R3M	3.3	0.035	3.00	±20%
5	J-NCR585245A-4R7M	4.7	0.045	2.80	±20%
6	J-NCR585245A-6R8M	6.8	0.06	2.50	±20%
7	J-NCR585245A-100M	10.0	0.08	2.30	±20%
8	J-NCR585245A-150M	15.0	0.12	1.80	±20%
9	J-NCR585245A-220M	22.0	0.15	1.20	±20%
10	J-NCR585245A-330M	33.0	0.22	1.00	±20%
11	J-NCR585245A-470M	47.0	0.36	0.85	±20%
12	J-NCR585245A-680M	68.0	0.46	0.60	±20%
13	J-NCR585245A-820M	82.0	0.53	0.55	±20%
14	J-NCR585245A-101K/M	100.0	0.70	0.50	±10%/±20%
15	J-NCR585245A-221K/M	220.0	1.60	0.40	±10%/±20%
16	J-NCR585245A-331K/M	330.0	2.70	0.30	±10%/±20%
17	J-NCR585245A-471K/M	470.0	3.60	0.28	±10%/±20%
18	J-NCR585245A-102K/M	1000.0	5.60	0.12	±10%/±20%

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4. NCR787050A电气性能表/Electrical Characteristics List:

NO.	Part Number	Inductance (uH)	DCR (Ω)	IDC (A)	Inductance tolerance
			Max.	Max.	
1	J-NCR787050A-1R0N	1.0	0.018	5.50	±30%
2	J-NCR787050A-1R5N	1.5	0.025	5.30	±30%
3	J-NCR787050A-2R2N	2.2	0.030	5.00	±30%
4	J-NCR787050A-3R3M	3.3	0.040	4.50	±20%
5	J-NCR787050A-4R7M	4.7	0.050	4.00	±20%
6	J-NCR787050A-6R8M	6.8	0.06	3.50	±20%
7	J-NCR787050A-100M	10.0	0.08	2.80	±20%
8	J-NCR787050A-150M	15.0	0.09	2.70	±20%
9	J-NCR787050A-220M	22.0	0.12	2.20	±20%
10	J-NCR787050A-330M	33.0	0.18	1.50	±20%
11	J-NCR787050A-470M	47.0	0.21	1.20	±20%
12	J-NCR787050A-680M	68.0	0.29	1.00	±20%
13	J-NCR787050A-101K/M	100.0	0.41	0.80	±10%/±20%
14	J-NCR787050A-221K/M	220.0	0.78	0.60	±10%/±20%
15	J-NCR787050A-331K/M	330.0	1.42	0.40	±10%/±20%
16	J-NCR787050A-471K/M	470.0	2.00	0.30	±10%/±20%
17	J-NCR787050A-102K/M	1000.0	4.00	0.25	±10%/±20%
18	J-NCR787050A-122K/M	1200.0	4.70	0.23	±10%/±20%
19	J-NCR787050A-152K/M	1500.0	5.70	0.20	±10%/±20%
20	J-NCR787050A-222K/M	2200.0	8.00	0.10	±10%/±20%

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4. NCR1009040A电气性能表/Electrical Characteristics List:

NO.	Part Number	Inductance (uH)	DCR (Ω)	IDC (A)	Inductance tolerance
			Max.	Max.	
1	J-NCR1009040A-100M	10.0	0.06	4.00	±20%
2	J-NCR1009040A-150M	15.0	0.09	3.50	±20%
3	J-NCR1009040A-220M	22.0	0.14	2.80	±20%
4	J-NCR1009040A-330M	33.0	0.16	2.50	±20%
5	J-NCR1009040A-470M	47.0	0.20	2.10	±20%
6	J-NCR1009040A-680M	68.0	0.27	1.50	±20%
7	J-NCR1009040A-820M	82.0	0.33	1.40	±20%
8	J-NCR1009040A-101K/M	100.0	0.42	1.20	±10%/±20%
9	J-NCR1009040A-221K/M	220.0	1.00	0.80	±10%/±20%
10	J-NCR1009040A-331K/M	330.0	1.30	0.65	±10%/±20%
11	J-NCR1009040A-471K/M	470.0	1.80	0.60	±10%/±20%
12	J-NCR1009040A-561K/M	560.0	2.10	0.55	±10%/±20%
13	J-NCR1009040A-681K/M	680.0	2.50	0.50	±10%/±20%
14	J-NCR1009040A-821K/M	820.0	2.90	0.40	±10%/±20%
15	J-NCR1009040A-102K/M	1000.0	3.70	0.35	±10%/±20%

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4. NCR1009050A电气性能表/Electrical Characteristics List:

NO.	Part Number	Inductance (uH)	DCR (Ω)	IDC (A)	Inductance tolerance
			Max.	Max.	
1	J-NCR1009050A-4R7M	4.7	0.035	5.00	±20%
2	J-NCR1009050A-6R8M	6.8	0.04	4.50	±20%
3	J-NCR1009050A-100M	10.0	0.06	4.00	±20%
4	J-NCR1009050A-150M	15.0	0.08	3.00	±20%
5	J-NCR1009050A-220M	22.0	0.10	2.50	±20%
6	J-NCR1009050A-330M	33.0	0.15	2.10	±20%
7	J-NCR1009050A-470M	47.0	0.17	1.80	±20%
8	J-NCR1009050A-680M	68.0	0.25	1.50	±20%
9	J-NCR1009050A-101K/M	100.0	0.30	1.20	±10%/±20%
10	J-NCR1009050A-151K/M	150.0	0.43	1.10	±10%/±20%
11	J-NCR1009050A-221K/M	220.0	0.70	0.80	±10%/±20%
12	J-NCR1009050A-331K/M	330.0	0.90	0.65	±10%/±20%
13	J-NCR1009050A-471K/M	470.0	1.30	0.55	±10%/±20%
14	J-NCR1009050A-681K/M	680.0	1.75	0.45	±10%/±20%
15	J-NCR1009050A-102K/M	1000.0	2.70	0.35	±10%/±20%
16	J-NCR1009050A-122K/M	1200.0	3.50	0.30	±10%/±20%
17	J-NCR1009050A-152K/M	1500.0	3.90	0.25	±10%/±20%
18	J-NCR1009050A-182K/M	1800.0	5.00	0.20	±10%/±20%
19	J-NCR1009050A-302K/M	3000.0	8.50	0.15	±10%/±20%

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4. NCR1009065A电气性能表/Electrical Characteristics List:

NO.	Part Number	Inductance (uH)	DCR (Ω)	IDC (A)	Inductance tolerance
			Max.	Max.	
1	J-NCR1009065A-102K	1000.0	2.8	0.60	±10%
2	J-NCR1009065A-122K	1200.0	3.0	0.50	±10%
3	J-NCR1009065A-222K	2200.0	5.7	0.35	±10%
4	J-NCR1009065A-302K	3000.0	7.2	0.30	±10%
5	J-NCR1009065A-352K	3500.0	9.1	0.26	±10%
6	J-NCR1009065A-452K	4500.0	11.5	0.20	±10%
7	J-NCR1009065A-472K	4700.0	12.1	0.18	±10%

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4. NCR1009080A电气性能表/Electrical Characteristics List:

NO.	Part Number	Inductance (uH)	DCR (Ω)	IDC (A)	Inductance tolerance
			Max.	Max.	
1	J-NCR1009080A-101M	100.0	0.236	2.00	±20%
2	J-NCR1009080A-301M	300.0	0.581	1.20	±20%
3	J-NCR1009080A-351M	350.0	0.660	1.00	±20%
4	J-NCR1009080A-501M	500.0	0.956	0.80	±20%
5	J-NCR1009080A-102K	1000.0	1.80	0.60	±10%
6	J-NCR1009080A-152K	1500.0	2.85	0.50	±10%
7	J-NCR1009080A-202K	2000.0	3.64	0.40	±10%
8	J-NCR1009080A-252K	2500.0	5.20	0.35	±10%
9	J-NCR1009080A-282K	2800.0	5.53	0.34	±10%
10	J-NCR1009080A-302K	3000.0	6.08	0.33	±10%
11	J-NCR1009080A-402K	4000.0	7.80	0.28	±10%

客户名称 Customer	N/A	品名 Name	Wire wound SMD inductor	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.9
客户料号 Customer No.	N/A	型号 Model No.	NCR Series	发行号 Release No.	JS-S-24090902

5. 备注/Remark:

- (1). 工作温度范围: -40℃ ~ +125℃ (包含产品表面温升) .
Operating temperature range: -40℃ ~ +125℃ (including product surface temperature rise).
- (2). 所有测试频率: @100KHz, 0.25V .
All test frequencies: @100KHz, 0.25V.
- (3). 所有测试数据均参考25±2℃环境 .
All test data is referenced to 25±2℃ ambient.
- (4). IDC: 加载直流电流时产品初始电感值下降率约20%.
IDC: DC current at which the inductance drops approximate 20% from its value without current.

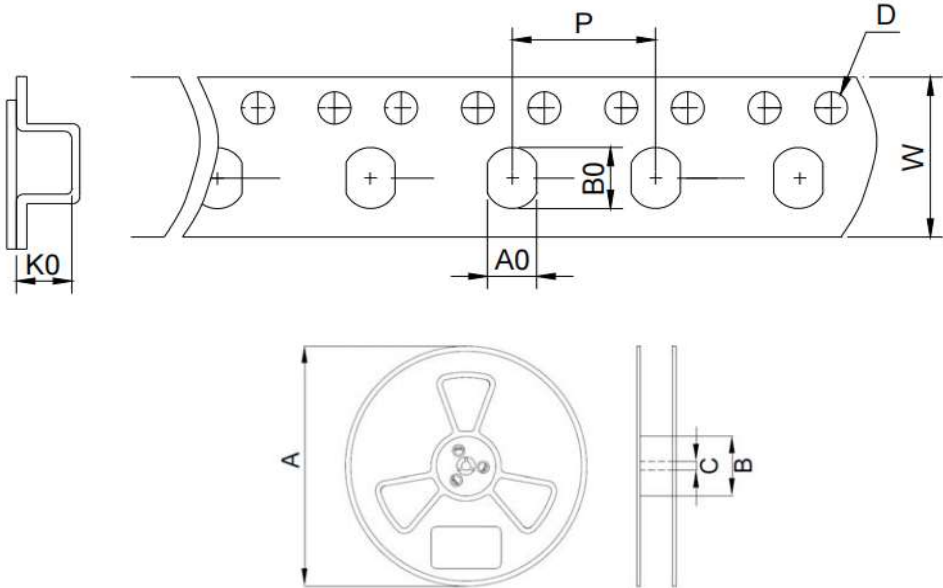
★ 如有特殊电感值可咨询我司!!!
★ If there is a special inductance value, please consult our company!!!

测量项目/Measure item	仪器品牌/Instrument brand	仪器型号/Instrument model
感量/Ls	是德/Keysight	E4990A
直流电阻/DCR	日置/HIOKI	RM-3542A
加载电流/Isat	稳科/WK	WK3260B& 1J3265B

- 可使用同等仪器测量.
Measurements can be made with equivalent instruments.

客户名称 Customer	N/A	品名 Name	Wire wound SMD inductor	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.9
客户料号 Customer No.	N/A	型号 Model No.	NCR Series	发行号 Release No.	JS-S-24090902

6. 包装/Package :



Model	Tape Dimension 载带尺寸(mm)						Reel Dimension 卷盘尺寸 (mm)			Quantity (Pcs/Reel) 数量 (个/卷)
	W	A0	B0	K0	D	P	A	B	C	
NCR353020A	12.0	3.3	3.8	2.5	1.5	8.0	330	100	13	3000
NCR454030A	12.0	4.2	4.8	3.5	1.5	8.0	330	100	13	2000
NCR585230A	12.0	5.5	6.1	3.6	1.5	8.0	330	100	13	2000
NCR585245A	12.0	5.6	6.3	5.2	1.5	8.0	330	100	13	1500
NCR787050A	16.0	7.6	8.6	5.6	1.5	12.0	330	100	13	1000
NCR1009040A	24.0	9.1	10.1	4.8	1.5	12.0	330	100	13	1000
NCR1009050A	24.0	9.1	10.1	6.1	1.5	12.0	330	100	13	1000
NCR1009065A	24.0	9.1	10.1	7.3	1.5	12.0	330	100	13	750
NCR1009080A	24.0	9.1	10.1	9.00	1.5	12.0	330	100	13	500