

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:

Power Inductor

巨维型号/JW Model number:

IRSK1608-5022 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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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	Power Inductor	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.	IRSK1608-5022 Series	发行号 Release No.	JS-S-24082204

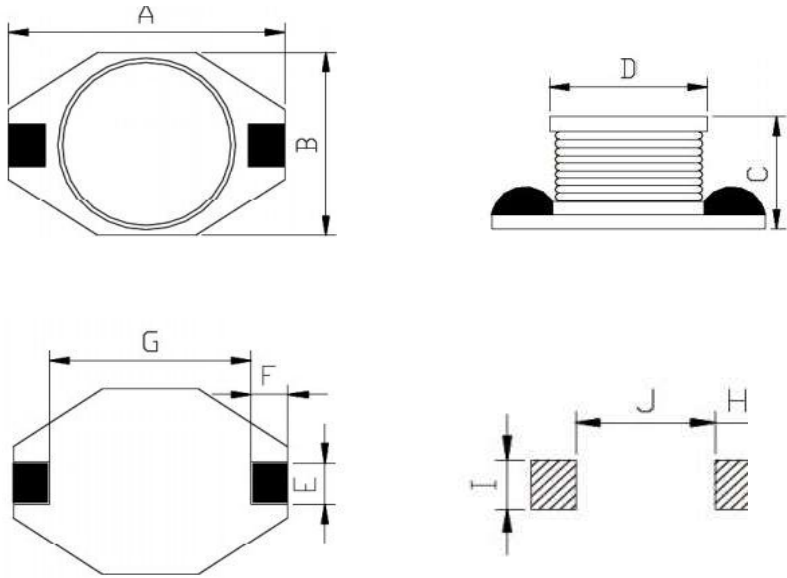
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版本 Ver.	变更内容/Change content	日期 Date	制定 Prepared By	审核 Checked By
A00	新发行/New release	2024.8.22	唐秀玲	王瑞琳

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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客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.8.22
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1. 产品形状尺寸(单位:毫米)/Product Shape size(Unit:mm):



Series	Dimensions(mm)									
	A Max.	B Max.	C Max.	D Max.	E Ref.	F Ref.	G Ref	H Ref	I Ref.	J Ref
IRSK1608	6.6	4.45	2.92	3.94	1.27	1.02	4.32	1.4	3.5	4
IRSK3308	12.95	9.4	3.5	8.38	2.54	2.54	7.62	2.9	3	7.3
IRSK3316	12.95	9.4	5.21	8.38	2.54	2.54	7.62	2.9	3	7.3
IRSK3340	12.95	9.4	11.43	8.38	2.54	2.54	7.62	2.9	3	7.3
IRSK5022	18.54	15.24	7.11	12.7	2.54	2.54	12.7	2.9	3	12.4

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客户料号 Customer No.	N/A	型号 Model No.	IRSK1608-5022 Series	发行号 Release No.	JS-S-24082204

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

<u>J</u>	-	<u>IRSK</u>	<u>3316</u>	<u>A</u>	-	<u>2R2</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/Product family code								
IRSK	功率电感/Power Inductor								
③	产品外形尺寸(毫米)/Product dimension(mm)								
3316	长12.95*宽9.4*高5.21毫米/Length12.95 *Width9.4 *Height5.21mm								
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)								
2R2	R22(0.22μH) , 2R2(2.2μH) , 100(10μH) , 221(220μH) , 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								

3. 环境数据/Environmental data:

Operating Temperature range : -40 ~ +100°C(Including coil's self temperature rise)
Storage Temperature range : -40 ~ +100°C
Solder reflow temperature : 260°C peak

客户名称 Customer	N/A	品名 Name	Power Inductor	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.	IRSK1608-5022 Series	发行号 Release No.	JS-S-24082204

4. 电气性能表/Electrical Characteristics List:

IRSK1608-3308Series

NO.	Part Number	Inductance (uH)	Test Freq. (KHz)	DCR Max. (Ω)	Isat A	Itemp A
1	J-IRSK1608A-1R0M	1.00	100/0.25	0.0500	2.9000	2.900
2	J-IRSK1608A-1R5M	1.50	100/0.25	0.0500	2.6000	2.800
3	J-IRSK1608A-2R2M	2.20	100/0.25	0.0700	2.3000	2.400
4	J-IRSK1608A-3R3M	3.30	100/0.25	0.0800	2.0000	2.000
5	J-IRSK1608A-4R7M	4.70	100/0.25	0.0900	1.5000	1.500
6	J-IRSK1608A-6R8M	6.80	100/0.25	0.1300	1.2000	1.400
7	J-IRSK1608A-100M	10.00	100/0.25	0.1600	1.1000	1.300
8	J-IRSK1608A-150M	15.00	100/0.25	0.2300	0.9000	1.200
9	J-IRSK1608A-220M	22.00	100/0.25	0.3700	0.7000	0.800
10	J-IRSK1608A-330M	33.00	100/0.25	0.5100	0.5800	0.600
11	J-IRSK1608A-470M	47.00	100/0.25	0.6400	0.5000	0.500
12	J-IRSK1608A-680M	68.00	100/0.25	0.8600	0.4000	0.400
13	J-IRSK1608A-101M	100.00	100/0.25	1.2700	0.3100	0.300
14	J-IRSK1608A-151M	150.00	100/0.25	2.0000	0.2700	0.250
15	J-IRSK1608A-221M	220.00	100/0.25	3.1100	0.2200	0.200
16	J-IRSK1608A-331M	330.00	100/0.25	3.8000	0.1800	0.160
17	J-IRSK1608A-471M	470.00	100/0.25	6.2000	0.1600	0.150
18	J-IRSK1608A-681M	680.00	100/0.25	9.2000	0.1400	0.120
19	J-IRSK1608A-102M	1000.00	100/0.25	13.8000	0.1000	0.070
20	J-IRSK3308A-100M	10.00	100/0.25	0.1100	2.4000	2.000
21	J-IRSK3308A-150M	15.00	100/0.25	0.1500	2.0000	1.500
22	J-IRSK3308A-220M	22.00	100/0.25	0.2300	1.6000	1.300

Test remarks:

- 1.Isat:DC current at which the inductance drops approximate 35%from its value without current;
2.Itemp:DC current that causes the temperature rise(ΔT =40℃)from 25℃ ambient.

客户名称 Customer	N/A	品名 Name	Power Inductor	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.	IRSK1608-5022 Series	发行号 Release No.	JS-S-24082204

4. 电气性能表/Electrical Characteristics List:

IRSK3308-3316Series

NO.	Part Number	Inductance (uH)	Test Freq. (KHz)	DCR Max. (Ω)	Isat A	Itemp A
1	J-IRSK3308A-330M	33.00	100/0.25	0.3000	1.4000	1.100
2	J-IRSK3308A-470M	47.00	100/0.25	0.3900	1.0000	0.800
3	J-IRSK3308A-680M	68.00	100/0.25	0.6600	0.9000	0.700
4	J-IRSK3308A-101M	100.00	100/0.25	0.8400	0.7000	0.600
5	J-IRSK3308A-151M	150.00	100/0.25	1.2000	0.6000	0.500
6	J-IRSK3308A-221M	220.00	100/0.25	1.9000	0.5000	0.400
7	J-IRSK3308A-331M	330.00	100/0.25	2.7000	0.4000	0.300
8	J-IRSK3308A-471M	470.00	100/0.25	4.0000	0.3000	0.200
9	J-IRSK3308A-681M	680.00	100/0.25	5.3000	0.2000	0.100
10	J-IRSK3308A-102M	1000.00	100/0.25	8.4000	0.1000	0.050
11	J-IRSK3316A-1R0M	1.00	100/0.25	0.0090	9.0000	6.800
12	J-IRSK3316A-2R2M	2.20	100/0.25	0.0120	7.0000	6.100
13	J-IRSK3316A-3R3M	3.30	100/0.25	0.0150	6.4000	5.400
14	J-IRSK3316A-4R7M	4.70	100/0.25	0.0180	5.4000	4.800
15	J-IRSK3316A-6R8M	6.80	100/0.25	0.0270	4.6000	4.400
16	J-IRSK3316A-100M	10.00	100/0.25	0.0380	3.8000	3.900
17	J-IRSK3316A-150M	15.00	100/0.25	0.0460	3.0000	3.100
18	J-IRSK3316A-220M	22.00	100/0.25	0.0850	2.6000	2.700
19	J-IRSK3316A-330M	33.00	100/0.25	0.1000	2.0000	2.100
20	J-IRSK3316A-470M	47.00	100/0.25	0.1400	1.6000	1.800
21	J-IRSK3316A-680M	68.00	100/0.25	0.2000	1.4000	1.500
22	J-IRSK3316A-101M	100.00	100/0.25	0.2800	1.2000	1.300

Test remarks:

- 1.Isat:DC current at which the inductance drops approximate 35%from its value without current;
- 2.Itemp:DC current that causes the temperature rise($\Delta T=40^{\circ}C$)from 25°C ambient.

客户名称 Customer	N/A	品名 Name	Power Inductor	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.	IRSK1608-5022 Series	发行号 Release No.	JS-S-24082204

4. 电气性能表/Electrical Characteristics List:

IRSK3316-3340Series

NO.	Part Number	Inductance (uH)	Test Freq. (KHz)	DCR Max. (Ω)	Isat A	Itemp A
1	J-IRSK3316A-151M	150.00	100/0.25	0.4000	1.0000	1.000
2	J-IRSK3316A-221M	220.00	100/0.25	0.6100	0.8000	0.800
3	J-IRSK3316A-331M	330.00	100/0.25	1.0200	0.6000	0.600
4	J-IRSK3316A-471M	470.00	100/0.25	1.2700	0.5000	0.500
5	J-IRSK3316A-681M	680.00	100/0.25	2.0200	0.4000	0.400
6	J-IRSK3316A-102M	1000.00	100/0.25	3.0000	0.3000	0.300
7	J-IRSK3340A-100M	10.00	100/0.25	0.0400	8.0000	3.500
8	J-IRSK3340A-150M	15.00	100/0.25	0.0500	7.0000	3.000
9	J-IRSK3340A-220M	22.00	100/0.25	0.0660	5.5000	2.500
10	J-IRSK3340A-330M	33.00	100/0.25	0.0800	4.0000	2.000
11	J-IRSK3340A-470M	47.00	100/0.25	0.1100	3.8000	1.600
12	J-IRSK3340A-680M	68.00	100/0.25	0.1700	3.0000	1.200
13	J-IRSK3340A-101M	100.00	100/0.25	0.2200	2.5000	1.000
14	J-IRSK3340A-151M	150.00	100/0.25	0.3400	2.0000	0.900
15	J-IRSK3340A-221M	220.00	100/0.25	0.4400	1.6000	0.700
16	J-IRSK3340A-331M	330.00	100/0.25	0.7000	1.2000	0.600
17	J-IRSK3340A-471M	470.00	100/0.25	0.9500	1.1000	0.300
18	J-IRSK3340A-681M	680.00	100/0.25	1.2000	1.0000	0.200
19	J-IRSK3340A-102M	1000.00	100/0.25	2.0000	0.8000	0.100
20						
21						
22						

Test remarks:

- 1.Isat:DC current at which the inductance drops approximate 35%from its value without current;
- 2.Itemp:DC current that causes the temperature rise($\Delta T=40^{\circ}C$)from 25 $^{\circ}C$ ambient.

客户名称 Customer	N/A	品名 Name	Power Inductor	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.	IRSK1608-5022 Series	发行号 Release No.	JS-S-24082204

4. 电气性能表/Electrical Characteristics List:

IRSK5022Series

NO.	Part Number	Inductance (uH)	Test Freq. (KHz)	DCR Max. (Ω)	Isat A	Itemp A
1	J-IRSK5022A-1R0M	1.00	100/0.25	0.0090	20.0000	8.600
2	J-IRSK5022A-2R2M	2.20	100/0.25	0.0140	16.0000	7.100
3	J-IRSK5022A-3R3M	3.30	100/0.25	0.0180	14.0000	6.200
4	J-IRSK5022A-5R6M	5.60	100/0.25	0.0200	12.0000	5.300
5	J-IRSK5022A-100M	10.00	100/0.25	0.0310	10.0000	4.300
6	J-IRSK5022A-150M	15.00	100/0.25	0.0360	8.0000	4.000
7	J-IRSK5022A-220M	22.00	100/0.25	0.0470	7.0000	3.500
8	J-IRSK5022A-330M	33.00	100/0.25	0.0660	5.5000	3.000
9	J-IRSK5022A-470M	47.00	100/0.25	0.0860	4.5000	2.600
10	J-IRSK5022A-680M	68.00	100/0.25	0.1300	3.5000	2.300
11	J-IRSK5022A-101M	100.00	100/0.25	0.1900	3.0000	1.800
12	J-IRSK5022A-151M	150.00	100/0.25	0.2500	2.6000	1.500
13	J-IRSK5022A-221M	220.00	100/0.25	0.3800	2.4000	1.200
14	J-IRSK5022A-331M	330.00	100/0.25	0.5600	1.9000	1.000
15	J-IRSK5022A-471M	470.00	100/0.25	0.8500	1.4000	0.820
16	J-IRSK5022A-681M	680.00	100/0.25	1.1000	1.2000	0.720
17	J-IRSK5022A-102M	1000.00	100/0.25	1.8000	1.0000	0.560
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20						
21						
22						

Test remarks:

- 1.Isat:DC current at which the inductance drops approximate 35%from its value without current;
2.Itemp:DC current that causes the temperature rise($\Delta T=40^{\circ}C$)from 25°C ambient.

客户名称 Customer	N/A	品名 Name	Power Inductor	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.	IRSK1608-5022 Series	发行号 Release No.	JS-S-24082204

5. 建议回流焊温度曲线/Reflow temperature profile is recommended:

