

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:	Magnetic enclosure shielding inductance
巨维型号/JW Model number:	IRSF5020-1250 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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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	Magnetic enclosure shielding 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.	IRSF5020-1250Series	发行号 Release No.	JS-S-24082208

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

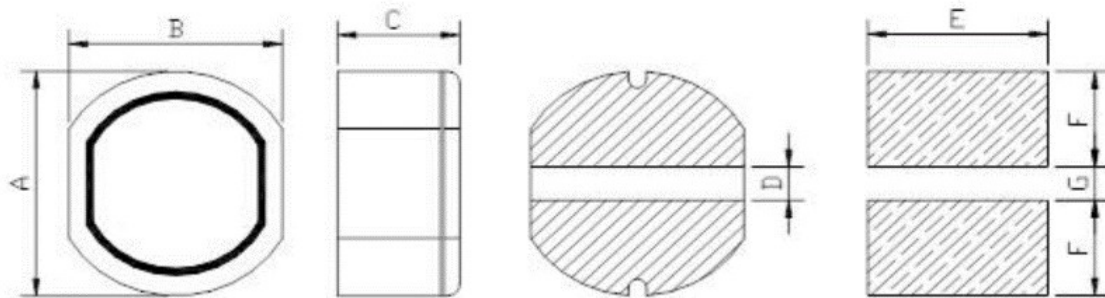
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1. 产品形状尺寸(单位:毫米)/Product Shape size(Unit:mm):



Series	Dimensions(mm)						
	A	B	C Max	D	E Ref	F Ref	G Ref
IRSF5020	5.80±0.3	5.20±0.3	2.8	1.50	5.50	2.35	1.30
IRSF6030	6.20±0.3	5.60±0.3	3.5	1.70	6.00	3.50	1.50
IRSF7040	7.80±0.3	7.00±0.3	4.9	1.90	7.50	3.50	1.50
IRSF1050	10.0±0.4	9.00±0.4	5.9	2.50	9.00	4.00	2.00
IRSF1250	12.5±0.5	11.5±0.5	5.9	3.00	12.00	5.00	2.50

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

J - IRSF 5020 A - 2R2 M - X
 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
IRSF	磁罩屏蔽电感/Magnetic enclosure shielding inductance
③	产品外形尺寸(毫米)/Product dimension(mm)
5020	长5.8*宽5.2*高2.8毫米/Length5.8 *Width5.2 *Height2.8mm
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

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客户料号 Customer No.	N/A	型号 Model No.	IRSF5020-1250Series	发行号 Release No.	JS-S-24082208

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

IRSF5020-6030Series

NO.	Part Number	Inductance (uH)	Test Freq. (KHz)	DCR Max. (Ω)	IDC Max. (A)
1	J-IRSF5020A-1R0N	1.00	100/0.25	0.0500	1.700
2	J-IRSF5020A-2R2N	2.20	100/0.25	0.0700	1.100
3	J-IRSF5020A-3R3N	3.30	100/0.25	0.0800	0.900
4	J-IRSF5020A-5R6N	5.60	100/0.25	0.1000	0.750
5	J-IRSF5020A-6R8N	6.80	100/0.25	0.1100	0.700
6	J-IRSF5020A-8R2N	8.2	100/0.25	0.1300	0.600
7	J-IRSF5020A-100M	10.0	100/0.25	0.1500	0.540
8	J-IRSF5020A-150M	15.0	100/0.25	0.2000	0.460
9	J-IRSF5020A-220M	22.0	100/0.25	0.2800	0.420
10	J-IRSF5020A-330M	33.0	100/0.25	0.4500	0.350
11	J-IRSF5020A-390M	39.0	100/0.25	0.5500	0.320
12	J-IRSF5020A-470M	47.0	100/0.25	0.6000	0.280
13	J-IRSF5020A-560M	56.0	100/0.25	0.7600	0.250
14	J-IRSF5020A-680M	68.0	100/0.25	0.9200	0.230
15	J-IRSF6030A-1R0N	1.0	100/0.25	0.0700	3.000
16	J-IRSF6030A-2R2N	2.2	100/0.25	0.1200	2.600
17	J-IRSF6030A-3R3N	3.3	100/0.25	0.1400	2.450
18	J-IRSF6030A-4R7N	4.7	100/0.25	0.1600	2.300
19	J-IRSF6030A-5R6N	5.6	100/0.25	0.1800	2.000
20	J-IRSF6030A-6R8N	6.8	100/0.25	0.2400	1.800
21	J-IRSF6030A-8R2N	8.2	100/0.25	0.2800	1.600
22	J-IRSF6030A-100M	10.0	100/0.25	0.3700	1.500

Test remarks:

- 1.All test data is referenced to 25 °C ambient.
- 2.IDC:DC current at which the inductance drops approximate 35%from its value without current.

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客户料号 Customer No.	N/A	型号 Model No.	IRSF5020-1250Series	发行号 Release No.	JS-S-24082208

4. 电气性能表/Electrical Characteristics List:

IRSF6030-7040Series

NO.	Part Number	Inductance (μ H)	Test Freq. (KHz)	DCR Max. (Ω)	IDC Max. (A)
1	J-IRSF6030A-150M	15.00	100/0.25	0.4700	1.200
2	J-IRSF6030A-180M	18.00	100/0.25	0.6400	1.100
3	J-IRSF6030A-220M	22.00	100/0.25	0.7100	1.000
4	J-IRSF6030A-270M	27.00	100/0.25	0.9600	0.940
5	J-IRSF6030A-330M	33.00	100/0.25	1.1100	0.850
6	J-IRSF6030A-390M	39.0	100/0.25	1.2600	0.780
7	J-IRSF6030A-470M	47.0	100/0.25	1.7700	0.720
8	J-IRSF6030A-560M	56.0	100/0.25	1.9600	0.660
9	J-IRSF6030A-680M	68.0	100/0.25	2.5000	0.580
10	J-IRSF6030A-820M	82.0	100/0.25	3.1000	0.510
11	J-IRSF6030A-101M	100.0	100/0.25	3.5000	0.490
12	J-IRSF7040A-1R0N	1.0	100/0.25	0.0350	3.500
13	J-IRSF7040A-1R5N	1.5	100/0.25	0.0450	3.150
14	J-IRSF7040A-2R2N	2.2	100/0.25	0.0500	3.000
15	J-IRSF7040A-3R3N	3.3	100/0.25	0.0600	2.850
16	J-IRSF7040A-4R7N	4.7	100/0.25	0.0650	2.600
17	J-IRSF7040A-5R6N	5.6	100/0.25	0.0700	2.500
18	J-IRSF7040A-6R8N	6.8	100/0.25	0.0750	2.450
19	J-IRSF7040A-8R2N	8.2	100/0.25	0.0800	2.400
20	J-IRSF7040A-100M	10.0	100/0.25	0.0900	2.300
21	J-IRSF7040A-120M	12.0	100/0.25	0.1000	2.000
22	J-IRSF7040A-150M	15.0	100/0.25	0.1100	1.800

Test remarks:

1.All test data is referenced to 25 °C ambient.

2.IDC:DC current at which the inductance drops approximate 35%from its value without current.

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

IRSF7040-1050Series

NO.	Part Number	Inductance (uH)	Test Freq. (KHz)	DCR Max. (Ω)	IDC Max. (A)
1	J-IRSF7040A-180M	18.00	100/0.25	0.1200	1.600
2	J-IRSF7040A-220M	22.00	100/0.25	0.1300	1.500
3	J-IRSF7040A-330M	33.00	100/0.25	0.1800	1.200
4	J-IRSF7040A-390M	39.00	100/0.25	0.2400	1.100
5	J-IRSF7040A-470M	47.00	100/0.25	0.2800	1.000
6	J-IRSF7040A-560M	56.0	100/0.25	0.3700	0.940
7	J-IRSF7040A-680M	68.0	100/0.25	0.4300	0.850
8	J-IRSF7040A-820M	82.0	100/0.25	0.4700	0.780
9	J-IRSF7040A-101M	100.0	100/0.25	0.6400	0.720
10	J-IRSF7040A-151M	150.0	100/0.25	0.9600	0.580
11	J-IRSF7040A-181M	180.0	100/0.25	1.1100	0.510
12	J-IRSF7040A-221M	220.0	100/0.25	1.2600	0.490
13	J-IRSF7040A-331M	330.0	100/0.25	1.9600	0.400
14	J-IRSF7040A-471M	470.0	100/0.25	3.1000	0.300
15	J-IRSF1050A-100M	10.0	100/0.25	0.0600	2.060
16	J-IRSF1050A-120M	12.0	100/0.25	0.0700	1.940
17	J-IRSF1050A-150M	15.0	100/0.25	0.0740	1.720
18	J-IRSF1050A-180M	18.0	100/0.25	0.0800	1.580
19	J-IRSF1050A-220M	22.0	100/0.25	0.0830	1.420
20	J-IRSF1050A-270M	27.0	100/0.25	0.1000	1.320
21	J-IRSF1050A-330M	33.0	100/0.25	0.1100	1.160
22	J-IRSF1050A-470M	47.0	100/0.25	0.1400	1.000

Test remarks:

1.All test data is referenced to 25 °C ambient.

2.IDC:DC current at which the inductance drops approximate 35%from its value without current.

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客户料号 Customer No.	N/A	型号 Model No.	IRSF5020-1250Series	发行号 Release No.	JS-S-24082208

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IRSF1050-1250Series

NO.	Part Number	Inductance (uH)	Test Freq. (KHz)	DCR Max. (Ω)	IDC Max. (A)
1	J-IRSF1050A-560M	56.00	100/0.25	0.1900	0.930
2	J-IRSF1050A-680M	68.00	100/0.25	0.2100	0.850
3	J-IRSF1050A-820M	82.00	100/0.25	0.2800	0.790
4	J-IRSF1050A-101M	100.00	100/0.25	0.3400	0.720
5	J-IRSF1050A-151M	150.00	100/0.25	0.5100	0.550
6	J-IRSF1050A-181M	180.0	100/0.25	0.5700	0.500
7	J-IRSF1050A-221M	220.0	100/0.25	0.7800	0.470
8	J-IRSF1050A-331M	330.0	100/0.25	1.2000	0.370
9	J-IRSF1050A-391M	390.0	100/0.25	1.3400	0.350
10	J-IRSF1050A-471M	470.0	100/0.25	1.5000	0.330
11	J-IRSF1050A-561M	560.0	100/0.25	1.7000	0.250
12	J-IRSF1250A-4R7N	4.7	100/0.25	0.0300	3.500
13	J-IRSF1250A-8R2N	8.2	100/0.25	0.0400	2.950
14	J-IRSF1250A-100M	10.0	100/0.25	0.0500	2.650
15	J-IRSF1250A-150M	15.0	100/0.25	0.0600	2.450
16	J-IRSF1250A-180M	18.0	100/0.25	0.0650	2.400
17	J-IRSF1250A-220M	22.0	100/0.25	0.0700	2.200
18	J-IRSF1250A-270M	27.0	100/0.25	0.0800	2.000
19	J-IRSF1250A-390M	39.0	100/0.25	0.1100	1.650
20	J-IRSF1250A-470M	47.0	100/0.25	0.1200	1.500
21	J-IRSF1250A-560M	56.0	100/0.25	0.1500	1.380
22	J-IRSF1250A-680M	68.0	100/0.25	0.1700	1.260

Test remarks:

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IRSF1250Series

NO.	Part Number	Inductance (uH)	Test Freq. (KHz)	DCR Max. (Ω)	IDC Max. (A)
1	J-IRSF1250A-820M	82.00	100/0.25	0.2000	1.140
2	J-IRSF1250A-101M	100.00	100/0.25	0.2500	1.050
3	J-IRSF1250A-121M	120.00	100/0.25	0.2800	0.950
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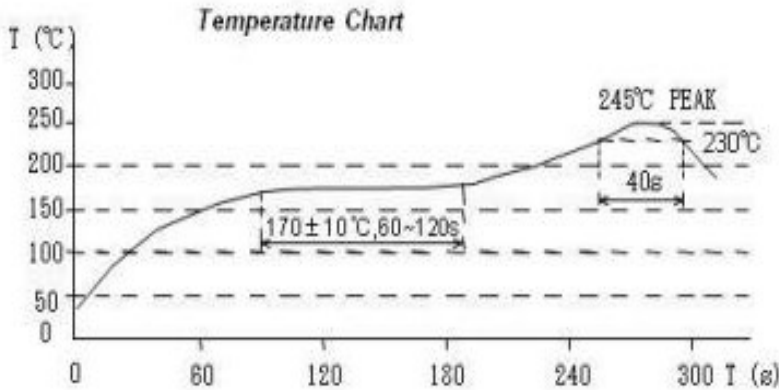
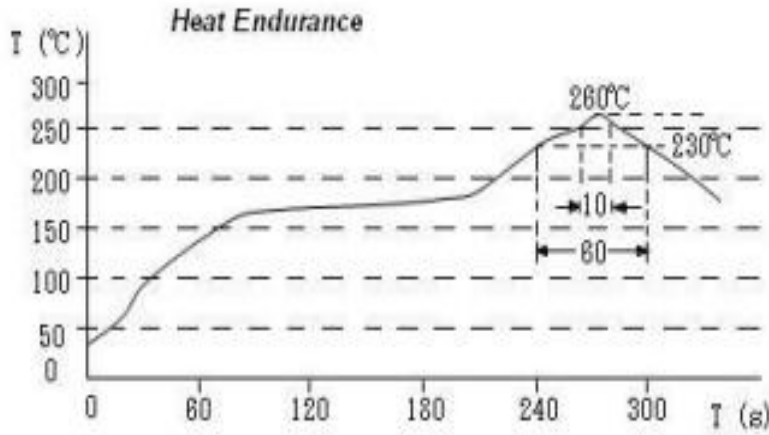
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5. 建议回流焊温度曲线/Reflow temperature profile is recommended:



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