

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:	Carbonyl powder molding inductance
巨维型号/JW Model Number:	MCMS 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			
2024.9.7	2024.9.7	2024.9.7			

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
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

客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

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	2024.5.21	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. 品名型号命名指南/Nomenclature guidelines for product models:

J - MCMS 606030 A - 4R7 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 (MHMS: 金属羰基粉模压电感系列)
MCMS	Product family code (MHMS: Carbonyl powder molding inductance series)
③	产品外形尺寸(毫米)/Product dimension(mm)
606030	长7.3*宽6.8*高3.0毫米/Length7.3 *Width6.8 *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	Carbonyl powder	MD/EQ	
2	Wire	Polyurethane copper wire	YLSL/TPY	
3	Terminal	Copper plated with Sn	BD/EQ	
4	Coating	Paint	CX/TF	
5	Ink	Black	TXQ/EQ	

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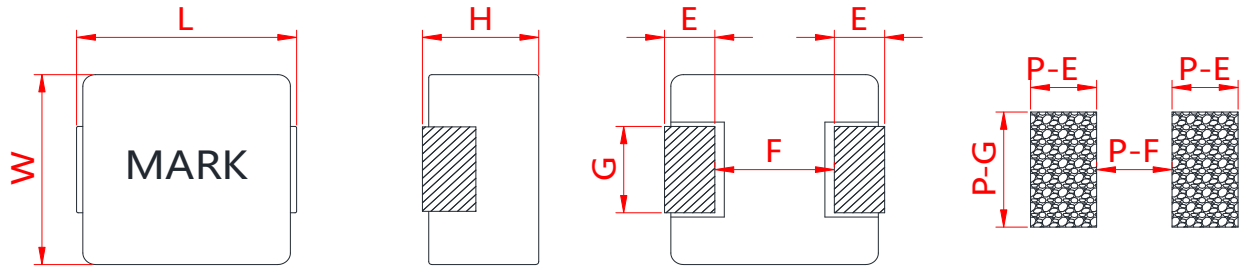
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3. 产品形状尺寸(单位:毫米)/Product Shape size(Unit:mm):



形状 "A" /Shape "A"

焊盘尺寸/Pad size

Model	L	W	H	E	F	G	P-E	P-F	P-G
MCMS404020A	4.5±0.4	4.3±0.4	2.0 Max	0.8±0.5	2.9 Ref	2.0±0.5	1.5 Ref	2.2 Ref	2.5 Ref
MCMS505018A	5.5±0.4	5.3±0.4	1.8 Max	1.2±0.5	3.1 Ref	2.2±0.5	1.9 Ref	2.2 Ref	2.7 Ref
MCMS505020A	5.5±0.4	5.3±0.4	2.0 Max	1.2±0.5	3.1 Ref	2.2±0.5	1.9 Ref	2.2 Ref	2.7 Ref
MCMS505030A	5.5±0.4	5.3±0.4	3.0 Max	1.2±0.5	3.1 Ref	2.2±0.5	1.9 Ref	2.2 Ref	2.7 Ref
MCMS606018A	7.3±0.4	6.8±0.4	1.8 Max	1.6±0.5	4.1 Ref	3.0±0.5	2.35 Ref	3.7 Ref	3.5 Ref
MCMS606020A	7.3±0.4	6.8±0.4	2.0 Max	1.6±0.5	4.1 Ref	3.0±0.5	2.35 Ref	3.7 Ref	3.5 Ref
MCMS606024A	7.3±0.4	6.8±0.4	2.4 Max	1.6±0.5	4.1 Ref	3.0±0.5	2.35 Ref	3.7 Ref	3.5 Ref
MCMS606030A	7.3±0.4	6.8±0.4	3.0 Max	1.6±0.5	4.1 Ref	3.0±0.5	2.35 Ref	3.7 Ref	3.5 Ref
MCMS606040A	7.3±0.4	6.8±0.4	4.0 Max	1.6±0.5	4.1 Ref	3.0±0.5	2.35 Ref	3.7 Ref	3.5 Ref
MCMS606050A	7.3±0.4	6.8±0.4	5.0 Max	1.6±0.5	4.1 Ref	3.0±0.5	2.35 Ref	3.7 Ref	3.5 Ref
MCMS10010030A	11.1±0.4	10.0±0.4	3.0 Max	2.0±0.5	7.1 Ref	3.0±0.5	4.1 Ref	5.4 Ref	4.1 Ref
MCMS10010040A	11.1±0.4	10.0±0.4	4.0 Max	2.0±0.5	7.1 Ref	3.0±0.5	4.1 Ref	5.4 Ref	4.1 Ref
MCMS10010050A	11.1±0.4	10.0±0.4	5.0 Max	2.0±0.5	7.1 Ref	3.0±0.5	4.1 Ref	5.4 Ref	4.1 Ref
MCMS13013050A	13.6±0.4	12.8±0.4	5.0 Max	2.2±0.5	9.2 Ref	3.8±0.5	3.75 Ref	8.0 Ref	5.0 Ref
MCMS13013060A	13.6±0.4	12.8±0.4	6.0 Max	2.2±0.5	9.2 Ref	3.8±0.5	3.75 Ref	8.0 Ref	5.0 Ref
MCMS13013065A	13.6±0.4	12.8±0.4	6.5 Max	2.2±0.5	9.2 Ref	3.8±0.5	3.75 Ref	8.0 Ref	5.0 Ref
MCMS17017070A	18.1±0.4	17.1±0.4	7.0 Max	2.5±0.5	13.1 Ref	11.9±0.5	3.75 Ref	11.2 Ref	12.8 Ref

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客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS404020A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μH) Ls	直流电阻(mΩ) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS404020A-R10M	0.10	4.0	3.2	35.0	14.0
2	J-MCMS404020A-R22M	0.22	7.3	6.6	24.0	13.0
3	J-MCMS404020A-R33M	0.33	8.6	7.8	18.0	10.0
4	J-MCMS404020A-R47M	0.47	14.0	11.2	12.0	8.0
5	J-MCMS404020A-R56M	0.56	16.0	13.5	10.0	7.3
6	J-MCMS404020A-R68M	0.68	19.0	16.0	10.0	7.0
7	J-MCMS404020A-1R0M	1.0	27.0	22.0	8.5	5.0
8	J-MCMS404020A-1R5M	1.5	42.0	34.8	7.0	4.5
9	J-MCMS404020A-2R2M	2.2	61.0	51.0	6.0	4.0
10	J-MCMS404020A-3R3M	3.3	76.0	69.0	4.0	3.5
11	J-MCMS404020A-4R7M	4.7	105.0	95.0	3.5	2.6
12	J-MCMS404020A-5R6M	5.6	125.0	112.0	3.0	2.2
13	J-MCMS404020A-6R8M	6.8	172.0	150.0	2.8	2.1
14	J-MCMS404020A-8R2M	8.2	180.0	158.0	2.5	2.0
15	J-MCMS404020A-100M	10.0	243.0	215.0	2.3	1.8

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客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS505018A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μ H) Ls	直流电阻(m Ω) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS505018A-R15M	0.15	3.9	3.5	27.0	15.5
2	J-MCMS505018A-R22M	0.22	5.0	4.2	22.0	13.0
3	J-MCMS505018A-R33M	0.33	8.6	7.5	15.0	11.0
4	J-MCMS505018A-R47M	0.47	11.3	9.8	14.0	10.0
5	J-MCMS505018A-R56M	0.56	13.0	11.0	13.5	9.5
6	J-MCMS505018A-R68M	0.68	14.3	12.4	13.0	9.0
7	J-MCMS505018A-1R0M	1.0	21.0	18.2	10.0	6.8
8	J-MCMS505018A-1R5M	1.5	30.0	26.0	9.0	6.0
9	J-MCMS505018A-2R2M	2.2	48.3	42.0	7.5	4.5
10	J-MCMS505018A-3R3M	3.3	69.0	60.0	5.0	3.5
11	J-MCMS505018A-4R7M	4.7	98.0	85.0	4.5	3.0
12	J-MCMS505018A-5R6M	5.6	127.0	110.0	4.0	2.5
13	J-MCMS505018A-6R8M	6.8	137.0	118.0	3.5	2.4
14	J-MCMS505018A-8R2M	8.2	165.0	143.0	3.0	2.3
15	J-MCMS505018A-100M	10.0	190.0	165.0	2.8	2.3

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客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS505020A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μH) Ls	直流电阻(mΩ) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS505020A-R10M	0.10	4.0	3.6	45.0	18.0
2	J-MCMS505020A-R15M	0.15	4.6	3.8	27.0	16.0
3	J-MCMS505020A-R22M	0.22	5.5	4.0	25.0	15.0
4	J-MCMS505020A-R33M	0.33	7.3	6.3	21.3	12.0
5	J-MCMS505020A-R47M	0.47	8.6	7.3	18.0	11.5
6	J-MCMS505020A-R68M	0.68	12.4	11.0	12.8	10.0
7	J-MCMS505020A-1R0M	1.0	20.0	17.5	13.7	7.0
8	J-MCMS505020A-1R5M	1.5	30.5	26.5	9.8	5.5
9	J-MCMS505020A-2R2M	2.2	50.0	42.0	9.0	4.2
10	J-MCMS505020A-3R3M	3.3	76.0	66.0	7.3	3.3
11	J-MCMS505020A-4R7M	4.7	116.0	103.0	5.0	2.8
12	J-MCMS505020A-5R6M	5.6	122.0	112.0	4.0	2.5
13	J-MCMS505020A-6R8M	6.8	150.0	130.0	3.8	2.4
14	J-MCMS505020A-8R2M	8.2	171.0	148.0	3.5	2.3
15	J-MCMS505020A-100M	10.0	199.0	180.0	3.4	2.3

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客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS505030A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μ H) Ls	直流电阻(m Ω) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS505030A-R10M	0.10	2.6	2.2	40.0	24.0
2	J-MCMS505030A-R15M	0.15	3.0	2.5	37.0	22.0
3	J-MCMS505030A-R22M	0.22	3.8	3.2	32.0	19.0
4	J-MCMS505030A-R33M	0.33	5.0	4.3	20.0	15.0
5	J-MCMS505030A-R47M	0.47	7.1	6.3	18.0	13.0
6	J-MCMS505030A-R56M	0.56	8.6	7.8	17.0	12.0
7	J-MCMS505030A-R68M	0.68	9.0	8.0	15.5	11.0
8	J-MCMS505030A-R82M	0.82	10.0	8.8	14.0	10.0
9	J-MCMS505030A-1R0M	1.0	12.7	11.0	13.0	9.0
10	J-MCMS505030A-1R5M	1.5	16.6	14.4	11.5	8.0
11	J-MCMS505030A-2R2M	2.2	29.2	26.0	11.0	7.0
12	J-MCMS505030A-3R3M	3.3	38.0	33.0	9.0	6.0
13	J-MCMS505030A-4R7M	4.7	53.0	48.0	8.0	5.5
14	J-MCMS505030A-5R6M	5.6	62.0	54.0	7.3	4.7
15	J-MCMS505030A-6R8M	6.8	76.2	68.0	6.0	4.2
16	J-MCMS505030A-8R2M	8.2	97.0	85.0	5.0	3.8
17	J-MCMS505030A-100M	10.0	120.0	104.0	4.0	3.5

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4. MCMS606018A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μ H) Ls	直流电阻(m Ω) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS606018A-R10M	0.10	2.5	2.1	45.0	18.0
2	J-MCMS606018A-R15M	0.15	2.6	2.2	34.0	18.0
3	J-MCMS606018A-R22M	0.22	3.0	2.5	26.0	16.0
4	J-MCMS606018A-R33M	0.33	5.8	4.8	22.0	14.0
5	J-MCMS606018A-R47M	0.47	7.4	6.4	18.0	12.0
6	J-MCMS606018A-R56M	0.56	10.0	8.5	17.5	11.0
7	J-MCMS606018A-R68M	0.68	11.0	9.5	17.0	10.0
8	J-MCMS606018A-R82M	0.82	14.0	11.5	15.5	8.5
9	J-MCMS606018A-1R0M	1.0	17.0	14.5	14.0	7.0
10	J-MCMS606018A-1R5M	1.5	25.2	21.0	13.0	6.0
11	J-MCMS606018A-2R2M	2.2	35.0	31.0	11.0	6.0
12	J-MCMS606018A-3R3M	3.3	46.0	40.0	9.0	5.0
13	J-MCMS606018A-4R7M	4.7	76.0	68.0	7.0	4.0
14	J-MCMS606018A-5R6M	5.6	86.0	78.0	6.0	3.5
15	J-MCMS606018A-6R8M	6.8	104.0	93.0	5.5	3.0
16	J-MCMS606018A-8R2M	8.2	140.0	123.0	4.5	2.6
17	J-MCMS606018A-100M	10.0	160.0	143.0	3.5	2.3

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4. MCMS606020A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μH) Ls	直流电阻(mΩ) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS606020A-R10M	0.10	2.4	2.0	40.0	21.0
2	J-MCMS606020A-R15M	0.15	2.7	2.3	39.0	18.0
3	J-MCMS606020A-R22M	0.22	4.0	3.5	32.0	15.0
4	J-MCMS606020A-R33M	0.33	5.0	4.5	25.0	14.0
5	J-MCMS606020A-R47M	0.47	8.3	7.1	20.0	11.7
6	J-MCMS606020A-R56M	0.56	9.3	7.9	18.0	11.0
7	J-MCMS606020A-R68M	0.68	10.0	8.3	16.0	10.5
8	J-MCMS606020A-1R0M	1.0	18.0	16.5	14.0	8.0
9	J-MCMS606020A-1R5M	1.5	27.0	23.0	12.0	7.0
10	J-MCMS606020A-2R2M	2.2	37.0	32.0	10.0	6.0
11	J-MCMS606020A-3R3M	3.3	48.0	43.0	8.0	5.0
12	J-MCMS606020A-4R7M	4.7	60.0	53.0	7.0	4.5
13	J-MCMS606020A-5R6M	5.6	68.0	59.0	6.0	4.0
14	J-MCMS606020A-6R8M	6.8	73.0	63.0	5.5	4.0
15	J-MCMS606020A-8R2M	8.2	116.0	101.0	5.0	3.2
16	J-MCMS606020A-100M	10.0	154.0	134.0	4.0	2.8

客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS606024A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μ H) Ls	直流电阻(m Ω) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS606024A-R10M	0.10	1.7	1.4	70.0	30.0
2	J-MCMS606024A-R15M	0.15	2.3	1.8	45.0	30.0
3	J-MCMS606024A-R22M	0.22	3.2	2.0	34.0	21.0
4	J-MCMS606024A-R33M	0.33	4.4	3.6	30.0	18.0
5	J-MCMS606024A-R36M	0.36	4.6	3.8	29.0	17.0
6	J-MCMS606024A-R47M	0.47	5.1	4.8	26.0	15.0
7	J-MCMS606024A-R56M	0.56	6.5	5.5	24.0	13.0
8	J-MCMS606024A-R68M	0.68	7.2	6.4	21.0	13.0
9	J-MCMS606024A-R82M	0.82	9.5	8.0	17.0	11.0
10	J-MCMS606024A-1R0M	1.0	13.5	10.5	16.0	11.0
11	J-MCMS606024A-1R5M	1.5	20.0	17.0	15.0	9.0
12	J-MCMS606024A-2R2M	2.2	28.0	23.0	14.0	7.0
13	J-MCMS606024A-3R3M	3.3	39.0	34.0	10.0	6.0
14	J-MCMS606024A-4R7M	4.7	50.0	41.0	9.0	5.5
15	J-MCMS606024A-5R6M	5.6	62.0	56.0	8.0	5.0
16	J-MCMS606024A-6R8M	6.8	72.0	65.0	7.0	4.0
17	J-MCMS606024A-8R2M	8.2	95.0	81.0	6.0	3.6
18	J-MCMS606024A-100M	10.0	101.0	92.0	5.0	3.2
19	J-MCMS606024A-150M	15.0	180.0	150.0	3.5	2.5
20	J-MCMS606024A-220M	22.0	215.0	185.0	3.0	1.8

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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

客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS606030A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μ H) Ls	直流电阻(m Ω) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS606030A-R10M	0.10	1.7	1.2	60.0	32.5
2	J-MCMS606030A-R22M	0.22	2.8	2.1	40.0	23.0
3	J-MCMS606030A-R33M	0.33	3.9	3.5	32.0	20.0
4	J-MCMS606030A-R36M	0.36	4.2	3.6	32.0	19.0
5	J-MCMS606030A-R47M	0.47	4.2	4.0	26.0	17.5
6	J-MCMS606030A-R56M	0.56	5.0	4.7	25.5	16.5
7	J-MCMS606030A-R68M	0.68	5.5	4.8	25.0	15.5
8	J-MCMS606030A-R82M	0.82	8.0	6.7	24.0	13.0
9	J-MCMS606030A-1R0M	1.0	10.0	8.3	22.0	11.0
10	J-MCMS606030A-1R5M	1.5	15.0	13.0	18.0	9.0
11	J-MCMS606030A-2R2M	2.2	20.0	18.0	14.0	8.0
12	J-MCMS606030A-3R3M	3.3	30.0	28.0	13.5	6.0
13	J-MCMS606030A-4R7M	4.7	40.0	37.0	10.0	5.5
14	J-MCMS606030A-5R6M	5.6	48.0	43.0	9.0	5.0
15	J-MCMS606030A-6R8M	6.8	60.0	54.0	8.0	4.5
16	J-MCMS606030A-8R2M	8.2	68.0	64.0	7.5	4.0
17	J-MCMS606030A-100M	10.0	85.0	75.0	6.0	3.5
18	J-MCMS606030A-150M	15.0	123.0	107.0	4.0	3.0
19	J-MCMS606030A-220M	22.0	190.0	165.0	3.5	2.0

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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

客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS606040A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μH) Ls	直流电阻(mΩ) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS606040A-R12M	0.12	1.0	0.7	64.0	32.0
2	J-MCMS606040A-R15M	0.15	1.2	0.9	55.0	30.0
3	J-MCMS606040A-R47M	0.47	3.4	3.0	28.0	23.0
4	J-MCMS606040A-R56M	0.56	4.3	3.8	26.0	20.0
5	J-MCMS606040A-R68M	0.68	4.5	4.1	24.0	16.0
6	J-MCMS606040A-1R0M	1.0	8.0	6.8	22.0	14.0
7	J-MCMS606040A-1R5M	1.5	12.0	10.0	20.0	12.0
8	J-MCMS606040A-2R2M	2.2	14.0	11.5	14.0	9.0
9	J-MCMS606040A-4R7M	4.7	32.5	28.0	11.0	6.0
10	J-MCMS606040A-5R6M	5.6	38.0	33.0	9.0	5.0
11	J-MCMS606040A-6R8M	6.8	50.0	44.0	8.5	4.5
12	J-MCMS606040A-8R2M	8.2	64.0	55.0	8.0	4.5
13	J-MCMS606040A-100M	10.0	72.0	64.0	7.0	4.0
14	J-MCMS606040A-150M	15.0	90.0	80.0	3.5	3.0
15	J-MCMS606040A-220M	22.0	145.0	120.0	3.5	2.5
16	J-MCMS606040A-330M	33.0	210.0	180.0	3.2	1.8

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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

客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS606050A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μ H) Ls	直流电阻(m Ω) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS606050A-R33M	0.33	3.0	2.5	32.0	25.0
2	J-MCMS606050A-R47M	0.47	3.9	3.5	30.0	22.0
3	J-MCMS606050A-R56M	0.56	4.2	3.6	27.0	20.0
4	J-MCMS606050A-R68M	0.68	4.5	4.0	24.0	18.0
5	J-MCMS606050A-R82M	0.82	4.9	4.6	22.0	16.5
6	J-MCMS606050A-1R0M	1.0	6.5	6.1	20.0	15.0
7	J-MCMS606050A-1R5M	1.5	9.0	8.6	16.5	12.0
8	J-MCMS606050A-2R2M	2.2	12.0	11.2	14.0	10.0
9	J-MCMS606050A-3R3M	3.3	20.9	19.0	12.0	8.0
10	J-MCMS606050A-4R7M	4.7	30.8	28.0	10.0	6.5
11	J-MCMS606050A-5R6M	5.6	49.0	43.5	9.0	6.0
12	J-MCMS606050A-6R8M	6.8	51.5	46.0	8.5	5.5
13	J-MCMS606050A-8R2M	8.2	63.0	56.0	8.0	5.0
14	J-MCMS606050A-100M	10.0	69.0	60.0	7.5	4.0
15	J-MCMS606050A-150M	15.0	92.0	81.0	6.0	3.5
16	J-MCMS606050A-220M	22.0	170.0	140.0	5.5	2.5
17	J-MCMS606050A-330M	33.0	200.0	173.0	3.5	2.0

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

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客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS10010030A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μ H) Ls	直流电阻(m Ω) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS10010030A-R22M	0.22	1.3	1.1	55.0	30.0
2	J-MCMS10010030A-R33M	0.33	1.5	1.2	47.0	25.0
3	J-MCMS10010030A-R36M	0.36	1.6	1.3	40.0	23.0
4	J-MCMS10010030A-R47M	0.47	2.5	2.1	33.0	20.0
5	J-MCMS10010030A-R56M	0.56	3.0	2.6	24.0	16.0
6	J-MCMS10010030A-R82M	0.82	4.5	3.9	22.0	15.0
7	J-MCMS10010030A-1R0M	1.0	6.0	4.6	20.0	15.0
8	J-MCMS10010030A-1R5M	1.5	7.5	6.5	20.0	13.0
9	J-MCMS10010030A-2R2M	2.2	9.0	8.0	16.0	12.0
10	J-MCMS10010030A-3R3M	3.3	16.0	14.5	14.0	9.0
11	J-MCMS10010030A-4R7M	4.7	22.5	20.5	13.0	7.0
12	J-MCMS10010030A-5R6M	5.6	32.5	28.0	12.0	7.0
13	J-MCMS10010030A-6R8M	6.8	35.0	30.2	9.5	6.5
14	J-MCMS10010030A-8R2M	8.2	48.0	42.0	8.5	6.0
15	J-MCMS10010030A-100M	10.0	55.0	50.0	8.0	5.0

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客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS10010040A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μH) Ls	直流电阻(mΩ) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS10010040A-R15M	0.15	0.6	0.5	75.0	43.0
2	J-MCMS10010040A-R22M	0.22	1.0	0.8	60.0	35.0
3	J-MCMS10010040A-R33M	0.33	1.2	1.0	60.0	31.0
4	J-MCMS10010040A-R36M	0.36	1.2	1.05	60.0	31.0
5	J-MCMS10010040A-R47M	0.47	1.5	1.3	43.0	28.0
6	J-MCMS10010040A-R56M	0.56	1.8	1.6	40.0	25.0
7	J-MCMS10010040A-R68M	0.68	2.7	2.4	39.0	22.0
8	J-MCMS10010040A-1R0M	1.0	3.3	3.0	36.0	18.0
9	J-MCMS10010040A-1R5M	1.5	4.6	4.0	33.0	16.0
10	J-MCMS10010040A-2R2M	2.2	7.0	6.5	27.0	12.0
11	J-MCMS10010040A-3R3M	3.3	11.8	10.8	20.0	11.0
12	J-MCMS10010040A-4R7M	4.7	15.5	15.0	17.0	10.0
13	J-MCMS10010040A-5R6M	5.6	19.3	17.0	14.0	9.0
14	J-MCMS10010040A-6R8M	6.8	23.3	17.5	13.5	8.5
15	J-MCMS10010040A-8R2M	8.2	22.5	20.0	12.5	8.0
16	J-MCMS10010040A-100M	10.0	30.0	27.0	12.0	7.5
17	J-MCMS10010040A-150M	15.0	45.0	40.0	10.0	6.25
18	J-MCMS10010040A-220M	22.0	74.0	64.0	7.0	5.0
19	J-MCMS10010040A-330M	33.0	112.0	92.0	5.0	3.5
20	J-MCMS10010040A-470M	47.0	167.0	145.0	4.5	3.0

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

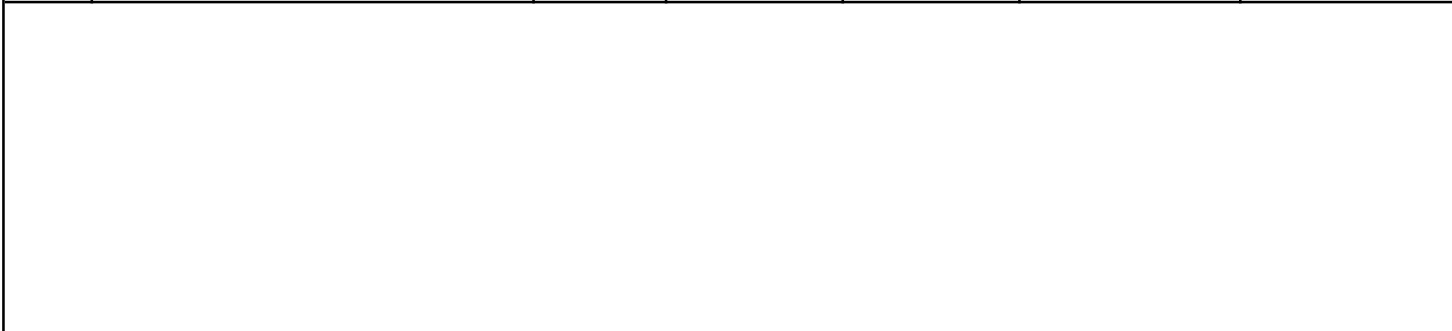
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Address: Building 2-10, Hengshan Science City, Hengyang City, Hunan Province, China

客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS10010050A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μH) Ls	直流电阻(mΩ) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS10010050A-R22M	0.22	0.5	0.45	70.0	45.0
2	J-MCMS10010050A-R56M	0.56	1.5	1.3	43.0	26.5
3	J-MCMS10010050A-1R0M	1.0	3.5	2.8	30.0	22.0
4	J-MCMS10010050A-1R5M	1.5	4.1	3.5	27.0	19.0
5	J-MCMS10010050A-2R2M	2.2	6.0	5.4	24.0	16.0
6	J-MCMS10010050A-3R3M	3.3	10.4	9.0	22.0	14.0
7	J-MCMS10010050A-4R7M	4.7	12.5	10.0	19.0	13.0
8	J-MCMS10010050A-5R6M	5.6	16.8	14.0	16.0	10.0
9	J-MCMS10010050A-6R8M	6.8	21.0	16.5	15.0	9.5
10	J-MCMS10010050A-8R2M	8.2	24.0	18.5	14.5	9.0
11	J-MCMS10010050A-100M	10.0	29.0	25.0	13.5	8.0
12	J-MCMS10010050A-150M	15.0	45.0	37.0	9.5	5.50
13	J-MCMS10010050A-220M	22.0	60.0	50.0	9.0	5.0
14	J-MCMS10010050A-330M	33.0	92.0	80.0	7.5	4.3
15	J-MCMS10010050A-470M	47.0	145.0	125.0	6.5	3.8



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客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS13013050A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μ H) Ls	直流电阻(m Ω) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS13013050A-R20M	0.20	0.55	0.45	110.0	52.0
2	J-MCMS13013050A-R22M	0.22	0.7	0.5	110.0	52.0
3	J-MCMS13013050A-R33M	0.33	0.9	0.7	80.0	42.0
4	J-MCMS13013050A-R36M	0.36	0.95	0.75	75.0	42.0
5	J-MCMS13013050A-R47M	0.47	1.1	0.86	65.0	38.0
6	J-MCMS13013050A-R56M	0.56	1.5	1.0	55.0	36.0
7	J-MCMS13013050A-R68M	0.68	1.7	1.4	54.0	34.0
8	J-MCMS13013050A-R82M	0.82	2.1	1.7	52.0	31.0
9	J-MCMS13013050A-1R0M	1.0	2.5	1.85	50.0	29.0
10	J-MCMS13013050A-1R5M	1.5	3.3	2.8	48.0	27.0
11	J-MCMS13013050A-2R2M	2.2	5.5	4.2	32.0	20.0
12	J-MCMS13013050A-3R3M	3.3	9.2	6.8	32.0	15.0
13	J-MCMS13013050A-4R7M	4.7	15.0	11.4	27.0	12.0
14	J-MCMS13013050A-5R6M	5.6	16.5	12.3	22.0	11.5
15	J-MCMS13013050A-6R8M	6.8	18.5	14.5	21.0	11.0
16	J-MCMS13013050A-8R2M	8.2	22.5	16.8	18.0	9.5
17	J-MCMS13013050A-100M	10.0	25.5	21.4	16.0	9.0
18	J-MCMS13013050A-150M	15.0	38.0	32.0	13.0	8.20
19	J-MCMS13013050A-220M	22.0	58.0	50.0	10.0	6.5
20	J-MCMS13013050A-330M	33.0	88.0	73.0	8.0	5.0
21	J-MCMS13013050A-470M	47.0	120.0	100.0	6.5	4.0

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

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

客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS13013060A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μH) Ls	直流电阻(mΩ) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS13013060A-R22M	0.22	0.65	0.48	120.0	55.0
2	J-MCMS13013060A-R36M	0.36	0.90	0.72	80.0	42.0
3	J-MCMS13013060A-R47M	0.47	1.3	0.92	64.0	38.0
4	J-MCMS13013060A-R56M	0.56	1.5	1.15	60.0	35.0
5	J-MCMS13013060A-R68M	0.68	1.7	1.33	57.0	33.0
6	J-MCMS13013060A-R82M	0.82	1.9	1.5	55.0	31.0
7	J-MCMS13013060A-1R0M	1.0	2.4	1.8	53.0	29.0
8	J-MCMS13013060A-1R5M	1.5	3.2	2.7	50.0	26.0
9	J-MCMS13013060A-2R2M	2.2	4.7	4.0	43.0	21.0
10	J-MCMS13013060A-3R3M	3.3	7.1	5.8	35.0	17.0
11	J-MCMS13013060A-4R7M	4.7	11.5	9.5	30.0	16.0
12	J-MCMS13013060A-5R6M	5.6	12.6	10.8	28.0	15.5
13	J-MCMS13013060A-6R8M	6.8	13.8	12.0	25.0	15.0
14	J-MCMS13013060A-8R2M	8.2	16.0	13.6	23.0	11.0
15	J-MCMS13013060A-100M	10.0	20.7	18.0	21.0	11.0
16	J-MCMS13013060A-150M	15.0	29.0	25.0	16.0	9.0
17	J-MCMS13013060A-180M	18.0	35.0	30.0	15.0	8.5
18	J-MCMS13013060A-220M	22.0	39.5	34.0	14.0	8.0
19	J-MCMS13013060A-330M	33.0	75.0	65.0	12.0	6.0
20	J-MCMS13013060A-470M	47.0	90.0	80.0	11.0	5.5
21	J-MCMS13013060A-680M	68.0	140.0	120.0	9.0	5.0

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工厂地址: 中国 湖南省 衡阳市 衡山科学城 2-10栋

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客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS13013065A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μH) Ls	直流电阻(mΩ) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS13013065A-R22M	0.22	0.6	0.47	112.0	53.0
2	J-MCMS13013065A-R33M	0.33	0.8	0.65	68.0	46.0
3	J-MCMS13013065A-R36M	0.36	0.9	0.7	66.0	45.0
4	J-MCMS13013065A-R47M	0.47	1.2	0.9	63.0	41.0
5	J-MCMS13013065A-R56M	0.56	1.2	1.05	58.0	37.0
6	J-MCMS13013065A-R68M	0.68	1.5	1.25	55.0	35.0
7	J-MCMS13013065A-R82M	0.82	1.9	1.5	50.0	33.0
8	J-MCMS13013065A-1R0M	1.0	2.3	1.7	48.0	30.0
9	J-MCMS13013065A-1R5M	1.5	3.0	2.5	45.0	27.0
10	J-MCMS13013065A-2R2M	2.2	4.2	3.8	37.0	22.0
11	J-MCMS13013065A-3R3M	3.3	6.8	5.7	30.0	18.0
12	J-MCMS13013065A-4R7M	4.7	8.4	7.0	28.0	13.5
13	J-MCMS13013065A-5R6M	5.6	10.0	8.5	23.0	12.5
14	J-MCMS13013065A-6R8M	6.8	11.5	9.5	18.0	11.5
15	J-MCMS13013065A-8R2M	8.2	15.5	12.0	16.0	10.5
16	J-MCMS13013065A-100M	10.0	16.5	13.2	15.5	10.0
17	J-MCMS13013065A-150M	15.0	28.0	23.2	13.0	9.0
18	J-MCMS13013065A-220M	22.0	37.0	32.5	12.0	9.0
19	J-MCMS13013065A-330M	33.0	58.0	48.0	11.0	8.0
20	J-MCMS13013065A-470M	47.0	90.0	76.0	9.5	6.5
21	J-MCMS13013065A-680M	68.0	130.0	110.0	7.8	4.8
22	J-MCMS13013065A-101M	100.0	165.0	145.0	5.5	4.2

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客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

4. MCMS17017070A电性规格表/Electrical specification sheet:

NO.	品名型号 Product models	感量(μH) Ls	直流电阻(mΩ) DCR		饱和电流(A) Isat	温升电流(A) Itemp
			Max.	typ.	typ.	typ.
1	J-MCMS17017070A-R45M	0.45	0.96	0.8	125.0	62.0
2	J-MCMS17017070A-R47M	0.47	1.03	0.95	123.0	62.0
3	J-MCMS17017070A-1R0M	1.0	2.0	1.6	70.0	52.0
4	J-MCMS17017070A-1R5M	1.5	2.5	2.0	65.0	47.0
5	J-MCMS17017070A-2R2M	2.2	2.7	2.4	62.0	43.5
6	J-MCMS17017070A-3R3M	3.3	3.9	3.5	54.0	28.0
7	J-MCMS17017070A-4R7M	4.7	5.5	4.8	50.0	25.0
8	J-MCMS17017070A-5R6M	5.6	7.05	5.8	45.0	21.0
9	J-MCMS17017070A-6R8M	6.8	9.2	8.4	39.0	19.0
10	J-MCMS17017070A-8R2M	8.2	10.8	9.6	31.0	18.0
11	J-MCMS17017070A-100M	10.0	13.0	11.8	29.0	16.5
12	J-MCMS17017070A-150M	15.0	20.5	17.8	27.0	12.5
13	J-MCMS17017070A-220M	22.0	26.5	25.1	23.0	12.0
14	J-MCMS17017070A-330M	33.0	44.0	38.0	20.0	10.7
15	J-MCMS17017070A-470M	47.0	55.0	48.0	16.0	8.7
16	J-MCMS17017070A-560M	56.0	62.0	54.00	15.0	7.8
17	J-MCMS17017070A-680M	68.0	80.0	68.0	13.0	7.0
18	J-MCMS17017070A-820M	82.0	100.0	87.0	12.0	5.7
19	J-MCMS17017070A-101M	100.0	118.0	102.0	12.0	5.3

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客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

5. 备注/Remark:

- (1). 工作温度范围: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (包含产品表面温升) .
Operating temperature range: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$ (including product surface temperature rise).
 - (2). 所有测试频率: @100KHz, 1V .
All test frequencies: @100KHz, 1V.
 - (3). 所有测试数据均参考 $25 \pm 2^{\circ}\text{C}$ 环境 .
All test data is referenced to $25 \pm 2^{\circ}\text{C}$ ambient.
 - (4). Isat & Itemp依较小值为标准.
Isat & Itemp is based on smaller values.
 - (5). Isat : 基于产品初始电感值下降率未超30%, 可以通过最大电流.
Isat : Based on the initial inductance decrease rate of the product not exceeding 30%, the maximum current can be passed.
 - (6). Itemp : 基于产品初始温度, 再向上升 40°C 时可通过最大电流.
Itemp : Based on the initial temperature of the product, the maximum current can be passed when increasing by 40°C .
- ★ 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
温度/Temp	福禄克/FLUKE	51-II

- 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	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

6. 可靠性测试/Reliability Test:

No.	Item	Test Method	Specification and Requirement	
1	Solderability	1.Preheat: 155°C±5°C , 2.60S±2S 2.Tin: lead-free. 3.Temperature:245°C±5°C, flux 3.0S±0.5S.	1.No case deformation or change in MPIB pearance 2.New solder coverage More than 90%	
2	Mechanical shock	1.Acceleration: 100G 2.Pulse time:: 6ms 3.3 times in each positive and negative direction of 3 mutual perpendicular directions	1.No case deformation or change in MPIB pearance 2.ΔL/Lo≤±10%	
3	Mechanical vibration	1.The test samples shall be soldered to the board. Then it shall be submitted to below test conditions.	1.No case deformation or change in MPIB pearance 2.ΔL/Lo≤±10	
		Fre. Range		10~55Hz
		Total Amplitude		1.5mm
		Sweeping Method		10Hz to 55Hz to 10Hz
		Time		For 2 hours on each X,Y,Z axis.
		2.Recovery: At least 2 hours of recovery under the standard condition after the test, followed by the measurement within 24 ±2 hours.		
4	Thermal Shock	1.First -55°C for 30 minutes,last 125°C for 30 minutes as 1 cycle. Go through 1000 cycles. 2.Max transfer time is 2 minutes. 3.Measured at room temperature after placing for 24±2 hours	Inductance change: Within ± 10% Without distinct damage in MPIB pearance	
5	Humidity Resistance	1.Reflow 2 times, 2.85°C,85%RH,1000 hours 3.Measured at room temperature after placing for 24±2hours	Inductance change: Within ± 10% Without distinct damage in MPIB pearance	
6	Low temperature storage	1.Temperature: -55 ± 2°C 2.Time: 1000 hours 3.Measured at room temperature after placing for 24±2 hours	Inductance change: Within ± 10% Without distinct damage in MPIB pearance	

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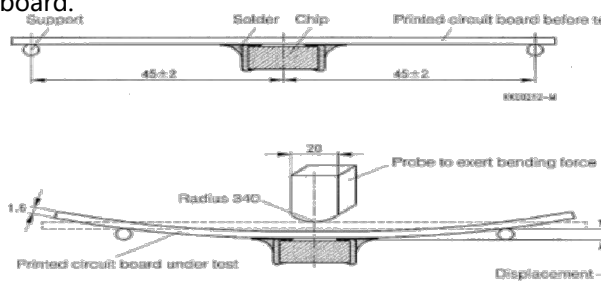
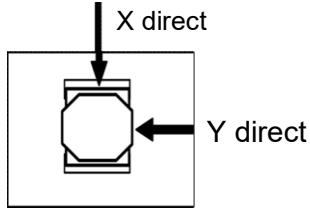
Address: Room 3018, Aoxin Innovation Research Institute, Building 34, Chentian Industrial Zone, Xixiang Street, Baoan District, Shenzhen

工厂地址：中国 湖南省 衡阳市 衡山科学城 2-10栋

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客户名称 Customer	N/A	品名 Name	Carbonyl powder molding inductance	版本 Ver.	A00
客户型号 Model No.	N/A	料号 Material No.	N/A	日期 Date	2024.9.7
客户料号 Customer No.	N/A	型号 Model No.	MCMS Series	发行号 Release No.	JS-S-24090701

6. 可靠性测试/Reliability Test:

No.	Item	Test Method	Specification and Requirement
7	High temperature storage	1. Temperature: $+125 \pm 2^{\circ}\text{C}$ 2. Time: 1000 hours 3. Measured at room temperature after placing for 24 ± 2 hours	Inductance change: Within $\pm 10\%$ Without distinct damage in MPIB pearance
8	Board flex	1. Run through IR reflow for 2 times; 2. Place the 100mm X 40mm board into a fixture similar to the one shown in below Figure with the component facing down 3.3 、 The MPIB paratus shall consist of mechanical means to MPIBply a force which will bend the board (D) x = 2 mm minimum. 4. The duration of the MPIB plied forces shall be 60 ± 5 sec. The force is to be MPIB plied only once to the board. 	Inductance change: Within $\pm 10\%$ Without distinct damage in MPIBpearance
9	Terminal Strength	1. The test samples shall be soldered to the board 2. Push the product vertically from the side of the sample using the thrust tester. 3. Automotive electronics: 17.7N, 60S \pm 1s, X、Y direct. 	No removal or split of the termination or other defects shall occur.

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