

大家

南充新川电子科技有限公司



ThreeLayer Scientific-Technics Co..Ltd

产品承认书 SPECIFICATION FOR APPROVAL

客户名称 CUSTOMER NAME.

产品类型 SMD Power Inductors PRODUCT TYPE

客户料号 CUSTOMER P/N

> 川磊料号 CLNR-4020 -SERIES OURS P/N

文件编号 FILE NO.

SP-21072148

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生产工厂:南充川磊电子科技有限公司 销售公司:南充新川电子科技有限公司 业务专线:0817-2111163/18681773184

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专用章

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客户名称 CUSTOMER	客户品名 CUSTOMER P/N		版别 REV.	1.0
产品类型 PRODUCT TYPE	SMD Power 新川品名 Inductors OURS P/N	CLNR-4020 -SERIES	文件编号 FILE NO.	SP-21072148
修改记录/MODIF	FY RECORDS	×A ×X		<i>X</i> , <i>⊗</i> ,
版别 日期 REV. DATE	修改内容 MODIFY CONTENT	拟制 DRAWING	审核 CHECKED	批准 APPROVED
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	客户名称 CUSTOMER		·- CU	客户品名 ISTOMER P/N				•	到 EV.	1.0
PR	产品类型 CODUCT TYPE	SMD Po Induct		新川品名 OURS P/N		CLNR-4020	O -SERIES		编号 E NO.	SP-21072148
一尺寸图/DIMENSION (单位/UNIT: mm) A Magnetic shie					E E	X = L				
	**		Produc	ct size	×	3		PAD L	ayout	
	TTEM	А	В	C I		Е	F	H	I	J
	TOLE	4.0 ±0.2	4.0 ±0.2	2.0 1. Max Ty		3.5 Typ	1.6 Typ	3.8 Typ	1.6 Typ	1.3 Typ
	电路图/CIRCUIT	Γ DIAGRA	M ³	三.注意事项/NG)TE	: 🔉				7/10
		== 4k= :		.印字:黑色				X	××××××××××××××××××××××××××××××××××××××	
四.	电气特性/ELEC	TRICAL C	HARACTER	RISTIC						
* *×	Part Num	ber	Inductance (uH)	Tolerance	Fre	Test equency(Hz)	DCR (Ω) ±30%	IDC1 (A) Max.	IDC2 (A) Max.	MARK
	CLNR-4020-	-1R0□	1.0	N	10	00KHZ/1V	0.029	4. 78	2. 15	1R0
	CLNR-4020-	-1R2□ ≾	1.2	N	10	00KHZ/1V	0.029	5. 10	2. 15	1R2
	CLNR-4020-	XY	1.5	N	10	00KHZ/1V	0. 035	4. 45	1. 98	1R5
	CLNR-4020-		2.2	N	1	00KHZ/1V	0.040	3. 40	1. 85	2R2
	CLNR-4020-		3.3	M N		00KHZ/1V	0.070	3. 20	1. 40	3R3
	CLNR-4020-		4.7	MN	-	00KHZ/1V	0.075	2. 35	1. 34	4R7
2/3	CLNR-4020-	-5K6∐	5.6	MN	10	00KHZ/1V	0.090	2. 20	1. 22	5R6
3.4-1	V .		4=X				80)			

客户名称 CUSTOMER		客户品名 CUSTOMER P/N		版别 REV.	1.0
产品类型 PRODUCT TYPE	SMD Power Inductors	※新川品名 OURS P/N OUR	CLNR-4020 -SERIES	文件编号 FILE NO.	SP-21072148

四.电气特性/ELECTRICAL CHARACTERISTIC

	Part Number	Inductance (uH)	Tolerance	Test Frequency(Hz)	DCR (Ω) ±30%	IDC1 (A) Max.	IDC2 (A) Max.	MARK
	CLNR-4020-6R8□	6.8	M N	100KHZ/1V	0. 125	2.00	1.04	6R8
	CLNR-4020-8R2□	8.2	ΜN	100KHZ/1V	0. 125	全 3.75	1.04	8R2
- (<	CLNR-4020-100□	10	MN	100KHZ/1V	0. 165	1.60	0. 90	100
357	CLNR-4020-150□	15EX	M N	100KHZ/1V	0. 230	1. 35	0. 77	150
	CLNR-4020-220□	22	M N	100KHZ/1V	0. 350	1.05	0. 62	220
	CLNR-4020-330□	33	M N	100KHZ/1V	0. 550	0.85	0. 49	330
	CLNR-4020-470□	47	M N	100KHZ/1V	0.710	0.74	0.44	470
	CLNR-4020-560□	56	MN	100KHZ/1V	0.800	0.66	0.41	560
	CLNR-4020-680□	68	M N	100KHZ/1V	1.060	0.61	0. 36	680
	CLNR-4020-820□	82	M N	100KHZ/1V	1. 170	0.50	0.34	820
	CLNR-4020-101□	100	MN	100KHZ/1V	1. 550	0. 48	0.31	101
ŞO.		27.		1	*X			\
		X		\hat{\chi}	•		2/	K //.

- (1) Specify the inductance tolerance, K(±10%),M(±20%),N(±30%)
- (2).IDC1:Base on temp.rise & AL/LOA 30% Typ
- (3).IDC2:Temp.rise 40°C Typ
- (4). Operating temp.:- 40° C to $+125^{\circ}$ C
- (5). Storage temp.:- 20° C up to $+40^{\circ}$ C, 75% RH max.

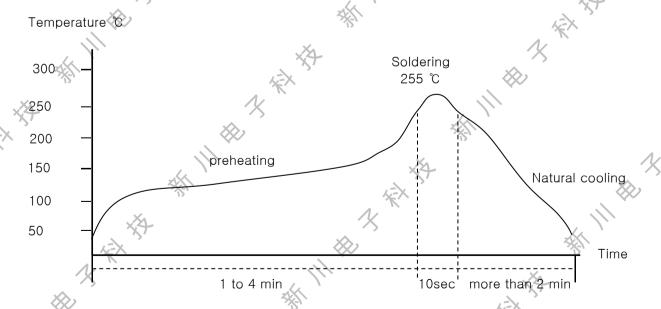
五.材料清单/MATERIAL LIST

	朱木	7
ecify the induc	tance tolerance, K(±10%),M(±2	20%),N(±30%)
C1:Base on te	mp.rise & \DeltaL/LOA 30% Typ	A STATE OF THE STA
C2:Temp.rise	40°C Typ	X. X
erating temp.:	-40°C to +125°C	
orage temp.:-20	0°C up to +40°C, 75% RH ma	х.
f单/MATERI	AL LIST	
NO.	ITEM	DESCRIPTION
1	CORE	FERRITE
2	WIRE	P180 G1
3 **×	ADHESIVE	NR-3614
4	TIN	107H
5	INK	BLACK **
	, XA	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

客户名称 CUSTOMER		客户品名 CUSTOMER P/N		版别 REV.	1.0		
产品类型 PRODUCT TYPE	SMD Power Inductors	参 新川品名 OURS P/N	CLNR-4020 -SERIES	文件编号 FILE NO.	SP-21072148		
六.可靠性测试/R	ELIABILITY TE	STING	×5+		<i>☆</i> ,		
Operating Tempe	erature	– 40 to +125 ℃ (Contain Heating coil)		\		
Appearance Insp	ection	No external defect	s by visual inspection				
Terminal Strengt	h	After soldering , b	etween copper plaet and	terminals			
		of coils , push in two directions of X , Y with					
		standing 10N(1.02kg) for10+/-2 sec.					
***	X	Terminal should not peel off. (Refer to figure at right)					
Heat endurance	of reflow	Refer to figure			XA		
soldering			3/1/		茶		
Insulating resista	ınce	Over 100 MΩ at 10	00V D.C . between wire a	nd core			
Dielectric Streng	th	Apply at 0.5KV 3mA for 1 minute between wire and core					
Temperature cha	aracteristics	Inductance coefficient (0~2,000) \times 10 / $^{\circ}$ C(- 40~ + 125 $^{\circ}$ C)					
Humidity charact	teristics	Inductance deviation within \pm 10% , after 96 hours in 90~95%					
(X) (A)		relative humidity a	t 40 \pm 2 $^{\circ}$ C and 1 hours c	Irying under r	normal condition		

A test is made under the above mentioned condition, and it is kept for 2 hours in the normal

IR Reflow profile



Temperature and humidity. After that, no mechanical and electrical defect should be found.

SP 全体			4-X		<u> </u>	
PRODUCT TYPE Inductors OURS PN CLINE-300-SERIES FILE NO. SP210/21/8 中海带规格/TAPING SPECIFICATIONS Trailer As required Leader As required Leader As required Leader Tape width Distance Pull-of force 12 mm 8 mm 10~120g 八色装方式/PACKING LIST PE\$ P\$ P\$ P\$ P\$ P\$ P\$ P\$ P\$ P					\ '	1.0
Trailer				CLNR-4020 -SERII		SP-21072148
Trailer	七.编带规格/TAPII	NG SPECFICATIO	NS	·		₩
110 min.		XX		*		
110 min.	朱	×	50 A	>	**************************************	transamento
165° -180 Tape width Distance Pull-of force 12 mm 8 mm 10~120g 外籍·数量:60000PCS/箱 数量:3000PCS/绘 数量:2000PCS/绘 不足幣箱用内盒或填充物	Tro	ailer -	As required	Leader	Le Le	eader
110 min. (10 pitch min.) 150-360 Tape width Distance Pull-of force 12 mm 8 mm 10~120g (20 pitch min.) 400-560 And 10 pitch min.) 150-360 (20 pitch min.) 400-560 And 10 pitch min.) 400-560 And	200000	d/ 0 00000	%\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	· · · · · · · · · · · · · · · · · · ·	1-X	
110 min. (10 pitch min.) 150-360 400-560 400-560 400-560 400-560 12 mm 8 mm 10~120g 150-360 400-560 12 mm 8 mm 10~120g 150-360 400-500 400-50						
(10 pitch min.) (20 p	37	// / / / / / / / / / / / / / / / / / /		540 min	150	760
Tape width Distance Pull-of force 12 mm 8 mm 10~120g				(20 pitch min.)		/= 360's
Tape width Distance				X	400-560	-
Tape width Distance	•	***	宋			
Tape width Distance	X		1			
Tape width Distance Pull-of force 12 mm 8 mm 10~120g //.包装方式/RACKING LIST PLS	茶					
12 mm 8 mm 10~120g // .包装方式/PACKING LIST PCS KGS CW KG CW	<i>*</i>	165°	-1809		7	
八.包装方式/PACKING LIST PCS NW PCS KGS KGS KGS KGS KGS KGS KGS KGS KGS KG	(1	36-1	Tape width Dista		
PE袋		U UA		12 mm / 8 m	nm 10~120g	
PCS N.W. KGS KGS W. KGS W. KGS W. KGS KGS W. KGS W. KGS KGS W.		*X				<i>38-1</i> ,
PCS N.W. KGS KGS W. KGS W. KGS W. KGS KGS W. KGS W. KGS KGS W.	₹	%	Ą		数	
PCS N.W. KGS KGS W. KGS W. KGS W. KGS KGS W. KGS W. KGS KGS W.	八.包装方式/PAC	CKING LIST	***		*	
PCS N.W. KGS KGS W. KGS W. KGS W. KGS KGS W. KGS W. KGS KGS W.			朱文 3			
PCS N.W. KGS KGS W. KGS W. KGS W. KGS KGS W. KGS W. KGS KGS W.	X		*			X
P	\times		*************************************			/ A `
轮盘: 13'(直径330mm) PE袋 内盒 外箱,数量: 60000PCS/箱 数量: 3000PCS/盘 数量: 12000PCS/盒 不足整箱用内盒或填充物				Label	G.W: /	PCS KGS KGS
轮盘:13'(直径330mm) PE袋 内盒 外箱,数量:60000PCS/箱 数量:3000PCS/盘 数量:3000PCS/袋 数量:12000PCS/盒 不足整箱用内盒或填充物	1				V	
			PE袋			:60000PCS/箱
	数量:3000PCS/	/盘 数量	: 3000PCS/袋	数量: 12000PCS/盒	不足整箱用口 装满	内盒或填充物
表(M)	**		KX.		衣侧	