

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

大<u>大</u> 客户名称 CUSTOMER NAME. 产品类型 Shielded Power Inductors PRODUCT TYPE 客户料号 CUSTOMER P/N 川磊料号 CLPS-4030 SERIES OURS P/N 文件编号 SP-18122401 FILE NO.

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	客户承认ICUSTOMER ACCEPTED						
	承认	确认	承办				
	APPROVED	CHECKED	DESIGN				
	*	***	冷				
	批注/REMARK	X4	*				
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	批准	确认	作成
	APPROVED	CHECKED	DESIGN
×	程志华	陈尧	潘立

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

邮 件: threelayer_sales@163.com 妣

址:四川省南充市顺庆区潆华工业园区华生东路

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客户名和 CUSTOM			客产品名 CUSTOMER P/N			版别 REV.	В
产品类型 PRODUCT T	型 Shielded Power 新川品名 TYPE Inductors OURS P/N		CL	PS-4030 SERIES	文件编号 FILE NO.	SP-18122401	
修改记录/MODIFY RECORDS					×,4-		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	更编号 IN NO.	M	修改内容 ODIFY CONTENT	X	拟制 DRAWING	审核 CHECKED	批准 APPROVED
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客户名称 CUSTOMER		- (客户品名 CUSTOMER				版 RE	别 EV.	В	$\langle \rangle$
产品类型 PRODUCT TYPE	Shielded P Inducto		新川品 ⁴ OURS P/		CLPS-403	0 SERIES	文件 FILE		SP-1812240	1
一.尺寸图/DIMEN	SION(单位	VUNIT : n	nm)		15×			×	., \$>	
TO	EPOXY P VIEW	SIDE	VIEW	ВОТТО	OM VIEW		H F Land Pa	ttern	I G	
ITEM	A	В	С	DX	E	F	G	H	I	
DIM	4.0	4.0	3.0	1. 18.1	1.8	4.4	4.4	2.9	1.8	
TOLE	±0.2	±0.2	Max	Тур	Тур	Тур	Тур	Тур	Тур	
二.电路图/CIRCU		Л.	一个辛亩	项/NOTE:			. <u>W</u> ,			1
・中で図/CIRCU	II DIAUKAI	VI	工.汇息争	·坝/NOIE·		.XA				14

1.印字:白色Gulim字体

四 由与特性/FI FCTRICAL CHARACTERISTIC

- WILLEDGE MICHELLING TE							
Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	DCR (mΩ) Max	IDC1 (A) Max.	IDC2 (A) Max.	MARK
CLPS-4030-1R0	1.0	N	100K/0.1V	20	2.8	3.30	1R0
CLPS-4030-2R2	2.2	K N	100K/0.1V	35	2.3	2.70	2R2
CLPS-4030-3R3□	3.3	N	100K/0.1V	45	2.1	2.50	3R3
CLPS-4030-4R7	4.7	N	100K/0.1V	55	2	2.30	4R7
CLPS-4030-6R8	6.8	N	100K/0.1V	78	1.5	2.00	6R8
CLPS-4030-100	10	M N	100K/0.1V	130	1	1.50	100
CLPS-4030-120	12	MN	100K/0.1V	175	0.9	1.40	120
CLPS-4030-150	15	M N	100K/0.1V	210	0.85	1.30	150
CLPS-4030-220	22	M N	100K/0.1V	290	0.8	1.10	220
CLPS-4030-330	33	MN	100K/0.1V	455 4	× 0.7	0.85	330
CLPS-4030-470	47	M N	100K/0.1V	685	0.6	0.70	470
	7.			XA.			

承认书/SPECIFICATION FOR APPROVAL 《

客户名称 CUSTOMER		客户品名 CUSTOMER P/N		版别 REV.	В
产品类型 PRODUCT TYPE	Shielded Power Inductors	新川品名 OURS P/N	CLPS-4030 SERIES	文件编号 FILE NO.	SP-18122401

四.电气特性/ELECTRICAL CHARACTERISTIC

	Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	DCR (mΩ) Max	IDC1 (A) Max.	IDC2 (A) Max.	MARK
	CLPS-4030-680	68	MN	100K/0.1V	955	0.5	0.55	680
	CLPS-4030-820	82	MN	100K/0.1V	1100	0.45	0.45	820
2/2	CLPS-4030-101	100	M	100K/0.1V	1500	0.4	0.40	101
	CLPS-4030-151	150	M	100K/0.1V	2400	0.3	0.35	151
	CLPS-4030-181	180	M	100K/0.1V	3600	0.25	0.30	4 181
	CLPS-4030-221	<i>≥</i> 220	M	100K/0.1V	4500	0.18	0.20	221
	CLPS-4030-471□	470	M	×100K/0.1V	5500	0.14	0.15	471
			*	,		~	&	
	X		1					
	4X					#II		

- (1). Specify the inductance tolerance, K(±10%), L(±15%), M(±20%), N(±30%)
- (2).IDC1:Base on temp.rise & $\Delta L/L0A \le 30\%$ MAX
- (3).IDC2:Temp.rise 40°C Typ
- (4). Operating temp.: -40° C to $+125^{\circ}$ C
- (5).Storage temp.:-20°C up to +40°C, 75% RH max.

丘.材料清单/MATERIAL LIST

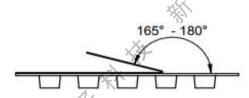
C1:Base on ter	mp.rise & △L/L0A≤30% MAX	
C2:Temp.rise	40°C Typ	X.
erating temp.:	-40°C to +125°C	* '
orage temp.:-20	0°C up to +40°C, 75% RH max.	×,
型 /	×,	<i>♦</i>
	1	
与单/MATERI	AL LIST	
		- X
NO.	ITEM	DESCRIPTION
1	CORE	FERRITE
2	WIRE	P180 Grd1
13	ADHESIVE	XNR3614
4	INK ***	WHITE **
	, A	<i>X</i>

		4=		>)			
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产品类型 PRODUCT TYPE	Shielded Power Inductors	新川品名 OURS P/N	CLPS-4030 SERIES	文件编号 FILE NO.	SP-18122401		
六.可靠性测试/R	ELIABILITY TE	STING	4=3		፟		
Operating Temp	erature	- 40 to +125 ℃ (Contain Heating coil)				
Appearance Ins	pection	No external defect	s by visual inspection	W. C.			
Terminal Strengt	h	After soldering , b	etween copper plaet and	terminals			
		of coils, push in t	wo directions of X , Y wit	h			
		standing 10N(1.02	kg) for10+/-2 sec.X				
*****	X	Terminal should i	not peel off. (Refer to	figure at right	t) 🕌		
Heat endurance	of reflow	Refer to figure	The state of the s		X		
soldering			****	1	茶		
Insulating resista	ance	Over 100 MΩ at 10	00V D.C . between wire a	nd core			
Dielectric Streng	ith	Apply at 0.5KV 3mA for 1 minute between wire and core					
Temperature cha	aracteristics	Inductance coefficient (0~2,000) × 10 / $^{\circ}$ C(- 40~ + 125 $^{\circ}$ C)					
Humidity charac	teristics	Inductance deviation within \pm 10% , after 96 hours in 90 \sim 95%					
		***	XX+		<i>☆</i> ,		
***	X	relative humidity a	t 40 \pm 2 $^{\circ}$ C and 1 hours c	drying under r	normal condition		
A test is made u	nder the above	mentioned condition	on , and it is kept for 2 ho	ours in the no	rmal		
IR Reflow profile	13			XA			
	&	*		4EX			
Temperature	C	X		1			
3/1		*X	Coldoring	\triangleright			
300 —		*	Soldering 255 °C		X		
250 —		**			秦		
200 -	zt.K				X		
150 —	35. k	preheating	(家)	∖ Natural cool	ina		
100 —		×	/ X	THE STATE OF	9		
50	EX		×	/20,			
⊗,		·····		T	ime		
		1 to 4 min	10sec more th	an 2 min			
Tempera	ture and humidit	y . After that , no m	nechanical and electrical	defect should	d be found .		

承认书/ <i>SPECIFI</i>	CATION FOR A	PPROVAL	**	*	
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产品类型 PRODUCT TYPE	Shielded Power Inductors	新川品名 OURS P/N	CLPS-4030 SERIES	文件编号 FILE NO.	SP-18122401
七.编带规格/TAPI	NG SPECFICATIO	NS ZRZ ZRZ ZRZ			

Transparent carrier and cover tape/透明载带和自粘上带

200 m/m



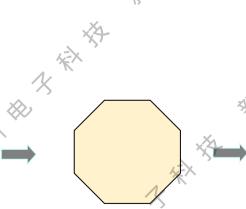
Tape width	Distance	Pull-of force
12 mm	8 mm	10~120g

400 m/m

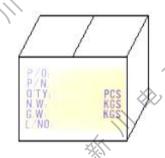
八.包装方式/PACKING LIST



轮盘:7'(直径178mm) 数量:600PCS/盘



内盒/PE袋 数量:2400PCS/盒



外箱,数量: 24000PCS/箱 不足整箱用内盒或填充物装满