

## 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
PRODUCT TYPE

Shielded Power Inductors

客户料号
CUSTOMER P/N

川磊料号
OURS P/N

文件编号
FILE NO.

客户承认/CUSTOMER ACCEPTED							
承认 APPROVED	确 认 CHECKED	承 办 DESIGN					
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批注/REMARK	4						
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批准	确认	作成
APPROVED	CHECKED	DESIGN
程志华	陈尧	潘立

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地 址:四川省南充市顺庆区潆华工业园区华生东路

	⇒名称 TOMER			客户品名 CUSTOMER P/N		××	N. T.	版别 REV.	1.0
	品类型 JCT TYPE		ielded Power Inductors	新川品名 OURS P/N	CSL	F-6045T- SERIES		文件编号 FILE NO.	SP-21072209
修改记	录/MODIFY	/ RE	CORDS			A. C.	•		X <sub>1</sub>
版别 REV.	变更编号 ECN NO		Mo	修改内容 ODIFY CONTENT	XX	拟制 DRAWING	(	审核 CHECKED	批准 APPROVED
1.0	NA NA	<b>(</b> )	新版发行		·	蔡娟	z	董兰瑶	程志华
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11	客户名称 USTOMER		-	客户品? CUSTOMER			XXX	为 版 RE		1.0
	产品类型 DUCT TYPE	Shielded I		新川品4 OURS P/		CSLF-6045	T- SERIES	文件 FILE		SP-21072209
一.尺寸图/DIMENSION(单位/UNIT:mm)										
A 4R7 C										
		larking(Wh	XX.	act Size		新川楼	KKX	PA	AD Layout	
	ITEM	À	В	С	D	Е	F		1	
	DIM 💉	6.0	6.0	4.5	2.0	4.0	0.9	X	K	
	TOLE	±0.3	±0.3	±0.3	±0.2	Тур	Тур			
<u> </u>	路图/CIRCUI	T DIAGRA	M	<ul><li>主法意事</li></ul>	T面/NOTE	F:	z)	2-1		
	- T		KXXX	1.印字:白		A A	X4		L.	用投入表现
四.电	e气特性/ELEC	TRICAL C	HARACTE	RISTIC	,	ZKI III			***	
	Part Nun	ıber	Inductan (uH)	ce Tole	rance	Test Frequency (Hz)	DCR (mΩ) ±30%	IDC1 (A) Max.	IDC2 (A) Max.	MARK
	CSLF-6045T	-1R5□	1.0	Xì	V	100K/0.25V	16	4.0	4.1	1R5
	CSLF-6045T	`-2R2□	2.2	1	N	100K/0.25V	18	3.3	3.8	2R2
	CSLF-6045T	'-3R3□	3.3	1	N	100K/0.25V	21.5	2.8	3.4	3R3 <
	CSLF-6045T		4.7	1	N	100K/0.25V	26.5	2.4	3.2	4R7
	CSLF-6045T	`-6R8□	6.8		N	100K/0.25V	33	2.0	2.8	6R8
11 1		// / /		1 1 Л	N	100K/0.25V	39	1.6	2.7	100
	CSLF-6045T	(X)	10						. 22.	
	CSLF-60457	-150	15	М	N 💉	100K/0.25V	59.5	1.3	2.2	150
	CSLF-6045T	-150□ -220□	15 22	M M	N	100K/0.25V	82	1.14	1.8	220
	CSLF-6045T CSLF-6045T CSLF-6045T	-220□ -330□	15 22 33	M M	N N	100K/0.25V 100K/0.25V	82 128	1.1.4	1.8	220 330
	CSLF-6045T	-220□ -330□	15 22	M M	N	100K/0.25V	82	1.14	1.8	220

客户名称 CUSTOMER		客户品名 CUSTOMER P/N	<u>1</u>	版别 REV.	1.0
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## 四.电气特性/ELECTRICAL CHARACTERISTIC

***						
Part Nuber	Inductance (uH)	Tolerance	Test Frequency (Hz)	DCR (Ω) Max.	IDC (A)	MARK
**				Z.K		
	zj.			2).		
禁门,				X		1
	- 44		パ	EX.		8
	XX.					
			z:KI		4	**
			'A''		×1.	
13		X			A XX	
, XA		1/EX		X		
1 XX					~	
	7					
	351			5		\ <del>-</del>

- (1). Specify the inductance tolerance, K( $\pm 10\%$ ), L( $\pm 15\%$ ), M( $\pm 20\%$ ), N( $\pm 30\%$ )
- (2).IDC1:Base on temp.rise & AL/LOA 10% Typ
- (3).IDC2:Temp.rise 45°C Typ
- (4). Operating temp.:- $40^{\circ}$ C to  $+125^{\circ}$ C
- (5).Storage temp.:-20°C up to +40°C, 75% RH max.

#### 五.材料清单/MATERIAL LIST

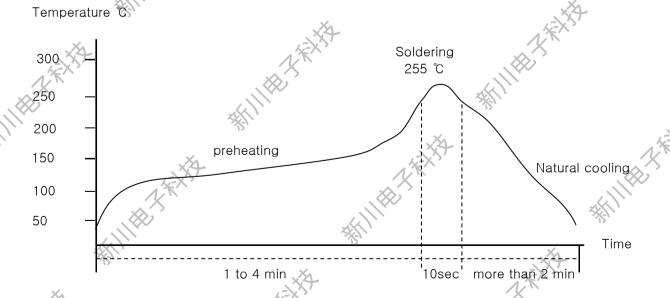
		17			
NO.	ITEM	DESCRIPTION			
1	CORE	FERRITE			
2	BASE	PM9630			
3	WIRE	P180 G1			
4	ADHESIVE	G-500HF+FK661S			
5	TIN	107H			
6	INK	WHITE XXX3			

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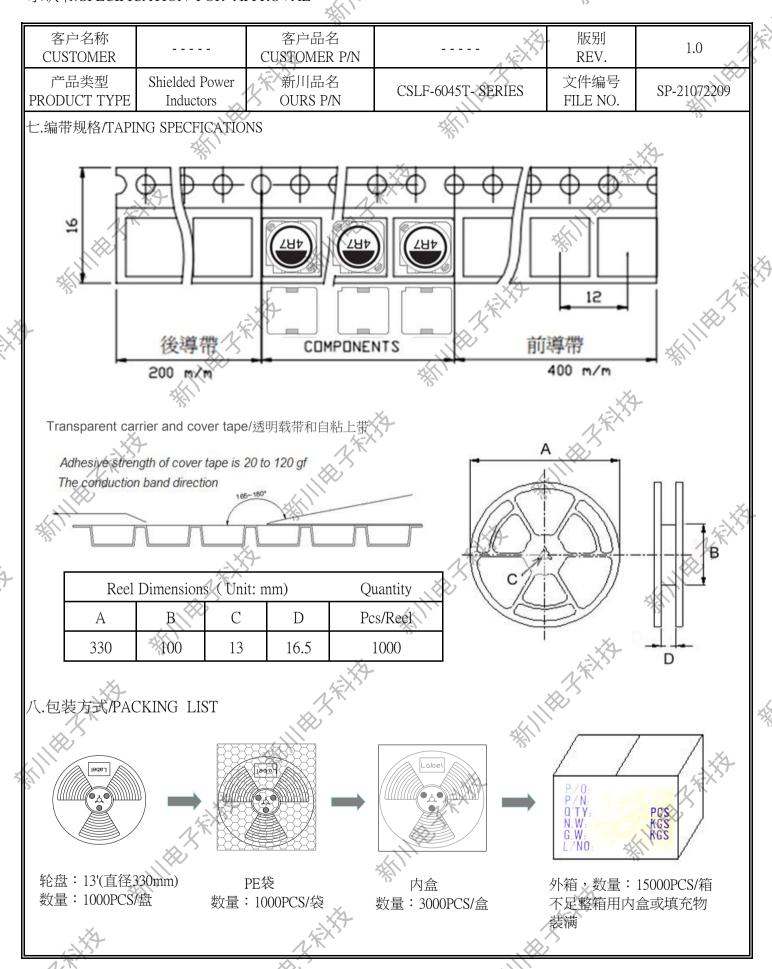
客户名称 CUSTOMER		客户品名 CUSTOMER P/N	XX	版别 REV.	1.0
产品类型 PRODUCT TYPE	Shielded Power Inductors	新川品名 OURS P/N	CSLF-6045T- SERIES	文件编号 FILE NO.	SP-21072209
六.可靠性测试/R	ELIABILITY TE	STING	H.		
Operating Temp	erature	– 40 to +125 ℃ (	Contain Heating coil )	λ=X	37
Appearance Insp	pection	No external defect	s by visual inspection		
Terminal Strengt	h	After soldering , b	etween copper plaet and	terminals	
	X	of coils, push in two directions of X, Y with standing 10N(1.02kg) for 10+/-2 sec.  Terminal should not peel off. (Refer to figure at right)			
Heat endurance	of reflow	Refer to figure	ZANIAL T		WALLEY TO THE WALLEY THE WALLEY TO THE WALLEY TO THE WALLEY TO THE WALLEY TO THE WALLE
Insulating resista	ance	Over 100 MΩ at 10	00V D.C . between wire a	nd core	
Dielectric Strength Apply at 0.5KV 3mA for 1 minute between wire and core				re	
Temperature characteristics Inductance coefficient (0~2,000) × 10 / °C (-40~ + 125 °C)					25 ℃)
Humidity charac	teristics	Inductance deviation within $\pm$ 10% , after 96 hours in 90 $\sim$ 95%			
		relative humidity a	t 40 ± 2 ℃ and 1 hours o	drying 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 .



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