承认书

物料编码：Z6088

物料名称：电感

规格型号：T14X9X5-9mHmin(Z6088)

品　　牌：长瑞智造

供 应 商：长瑞智造

承认日期：2025.03.28

受控编号：CR-CRS-Z6088

惠州市长瑞智造电子有限公司	
拟 定	批 准
夏　欢	陈　林

客户承认	
拟 定	批 准

CUSTOMER		CR P/N	

FILE CHANGE RECORD

RoHS Compliant

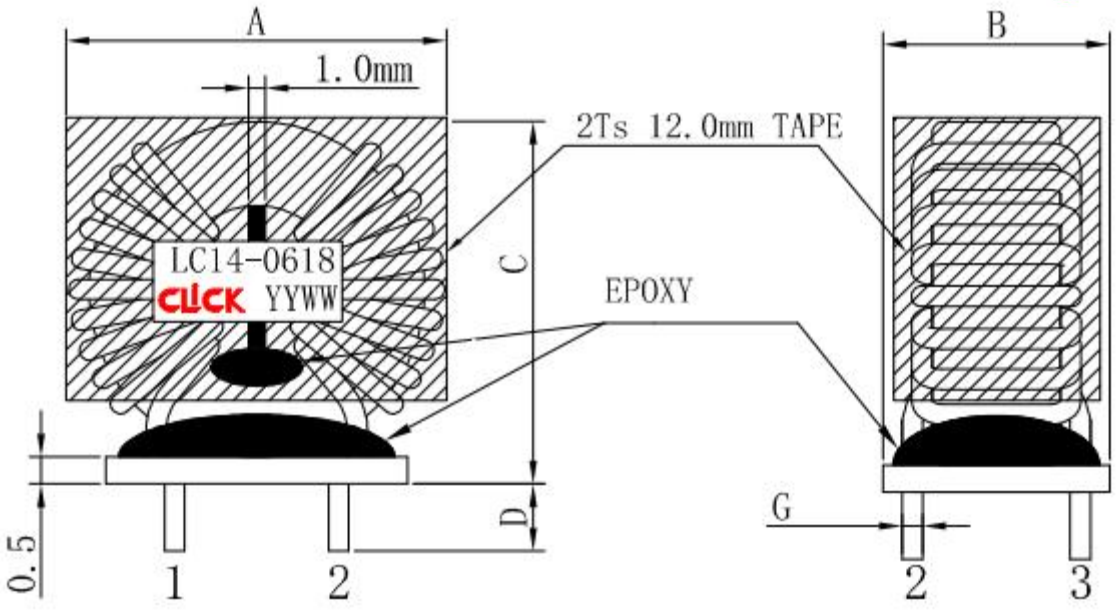
CHANGE DATE	CHANGE CONTENT	REV.	CHANGE BY
2024.07.09	NEW SPEC.	A	XH
2024.08.09	底板尺寸12mm改为10mm	B	XH
2024.09.12	调整圈数和绕法	C	XH
2024.11.27	1. B尺寸由8.0mm MAX变更为8.3mm MAX 2. C尺寸由15.5mm MAX变更为15.8mm MAX 3. DCR由170mΩ变更为105mΩ MAX	D	XH
2025.03.28	1.DCR由105mΩ MAX变更为115mΩ MAX	E	XH

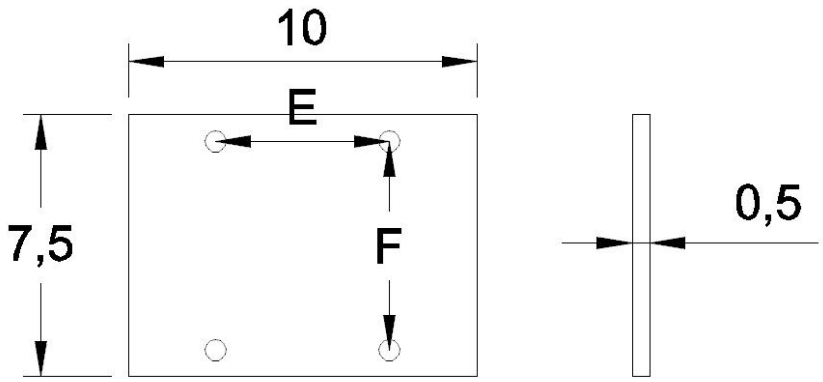
	DESIGN BY	CHANGE BY	CHECKED BY	APPROVED BY	CUSTOMER P/N	
惠州市长瑞智造电子有限公司	XH	LG	LMH	CL	DOCUMENT NO./Rev.	
					DATE	2025.03.28
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MECHANICAL DIMENSION: (UNIT:mm)

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DIMENSION:(mm)

A: 17.3 MAX

B: 8.3 MAX

C: 15.8 MAX

D: 2.8±0.4

E: 5.0±0.4

F: 6.0±0.4

G: 0.45±0.1

REMARK:

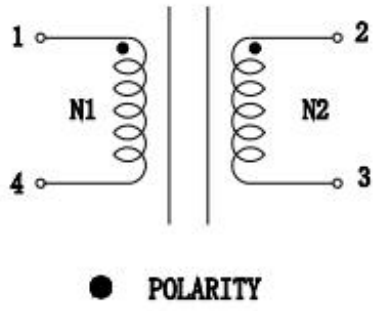
1.产品需包12mm胶带2T;

2.产品必须含浸。

	DESIGN BY	CHANGE BY	CHECKED BY	APPROVED BY	CUSTOMER P/N	
惠州市长瑞智造电子有限公司	XH	LG	LMH	CL	DOCUMENT NO./Rev.	
					DATE	2025.03.28
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CUSTOMER		CR P/N	

SCHEMATIC:



WINDING CONSTRUCTION:

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注意：1/4往返式绕法

WINDING STEP:

WDG	TERMINAL	WIRE GAUGE	TURNS	REMARKS
N1	1-4	1UEW-F Φ0.45 N	45Ts	N1=N2
N2	2-3	1UEW-F Φ0.45 N	45Ts	

ELECTRICAL CHARACTER:

NO.	Item	Measured Point	Technical Data	Test Condition & Instrument @25℃
1	INDUCTANCE	L(1-4)=L（2-3）	9mH MIN	1KHz, 0.25V/ZX1085BX
	INDUCTANCE DEVIATION	|L(1-4)=L（2-3）|	100uHmax	
2	DCR	R(1-4)=R（2-3）	105mΩ MAX	TH2512B
3	INSULATION	COIL TO COIL	100MΩ MIN	DC500V/ZX9320S-4
	RESISTANCE	COIL TO CORE		
4	HI-POT	COIL TO COIL	500VAC	50Hz,1mA,60s/WB2670A
		COIL TO CORE	500VAC	

MATERIAL LIST:

NO.	ITEMS	MATERIALS	SUPPLIERS/MANUFACTURER	FILE NO.
1	CORE	T14*9*5 HR12K	Shandong Hengrui Magnet Co., Ltd.	N/A
2	COPPER WIRE	1UEWF/QA-2 155℃	HONGQI GROUP JIANGXI COPPER CO.,LTD.	E355168
3	EPOXY	3300A-1/3300B-1	DONGGUAN EATTO ELECTRONIC MATERIAL CO.,LTD.	E218090
4	PCB	FR-4.1/HF140 130℃	KINGBO ARD LAMINATES HOLDINGS LTD	E123995
5	VARNISH	JX-1150(*) 130℃	Yueyang GREEN Technology Co., Ltd.	E303754
6	MYLAR TAPE	HMT 130℃	SHENZHEN XINHUAHUIELECTRONIC MATERIALS CO.,LTD	E328315

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