LI TAI ELECTRONIC ENTERPRISE CO.,LTD

CUSTOMER

鈺緯

SPECIFICATION FOR APPROVAL

CUSTOMER PART NO:

LI TAI PART NO: PT-026533

DESCRIPTION: TRANSFORMER

DATE: 2025-04-17

TAIWAN □HEAD OFFICE：東力泰企業有限公司
2-2F,NO.16,Jian Ba Rd,Chang Ho,Taipei County, Taiwan 235.
台北縣中和市建八路 16 號 2 樓之 2
TEL:(02) 8226-3838 FAX:(02) 8226-5522

CHINA □FUQING PLANT: 福清景翔電子配件有限公司
Rong-Qiao Ind.Park, Yuan-Hong Rd. Fu-Qing, FuJian, China.
福建省福清市宏路鎮融僑工業區福玉路
TEL:86-591-5382970 FAX:86-591-5381525

□SHENZHEN PLANT: 力泰電子深圳有限公司
Area A 3rd Fl 3 Third Industrial Zone, Xiacun Community Gongming St,
Guangming District, Shenzhen, Guangdong, 518106
深圳市光明区公明街道下村社区第三工业区 3 号 3 层 A 区
TEL:86-755-27730621 FAX:86-755-27730576

□SUZHOU PLANT: 蘇州祥崴電子有限公司
1027-2 sunwu road.xukou town .wuhzong district .suzhou .china
祥崴電子: 江蘇省蘇州市吳中區孙武路 1027-2 号
TEL:86-512-66629182 FAX: 86-512-66219183

工程圖改版說明

客戶：	鈺緯	生產分發單位	深圳-澄萬	蘇州-祥崴	福清-景翔
				*	

型式：	LQ3017	客戶料號：		力泰料號:	PT-026533

版次	頁次	原內容	變更內容	日期	備註
A0		ISSUE		2025-04-16	

備註	生產(發行)

SPECIFICATION FOR APPROVAL		CUSTOMER: 鈺緯
LI TAI PART NO. :	REV. :	CUSTOMERPART NO.:
PT-026533	*A0*	
PART NAME :	SPEC. NO. :	ISSUE DATE
TRANSFORMER		*2025-04-16*

CONTENT:

1.Configuration & Dimension

2.Winding Specification

3.Electrical Characteristics

4.Material List

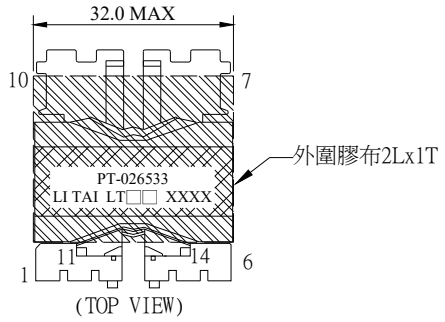
5.Bobbin Dimension

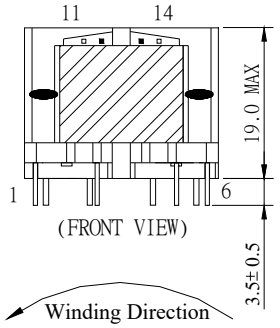
APPROVAL BY	CHECK BY	DRAWING BY

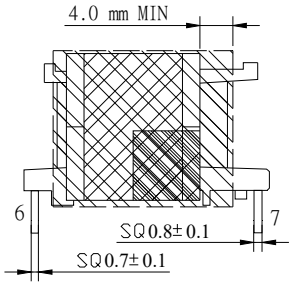
SPECIFICATION FOR APPROVAL		CUSTOMER: 鈺緯
LI TAI PART NO. :	REV. :	CUSTOMERPART NO.:
PT-026533	A0	
PART NAME :	SPEC. NO. :	ISSUE DATE
TRANSFORMER		2025-04-16

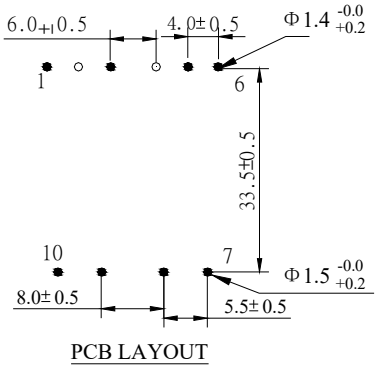
1.Configuration & Dimension :

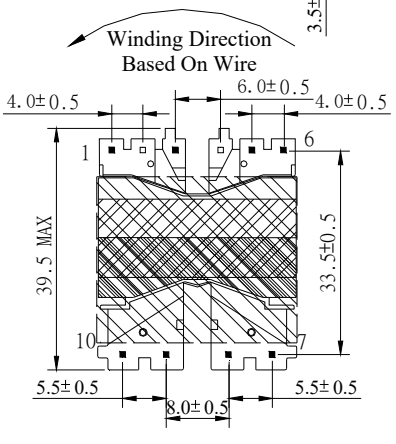
UNIT: m/m

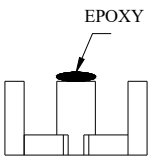


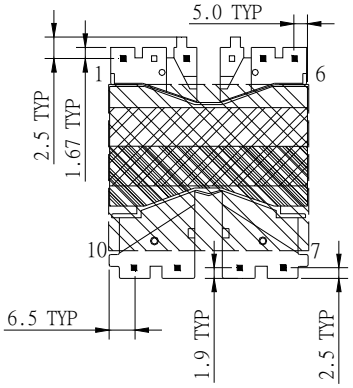












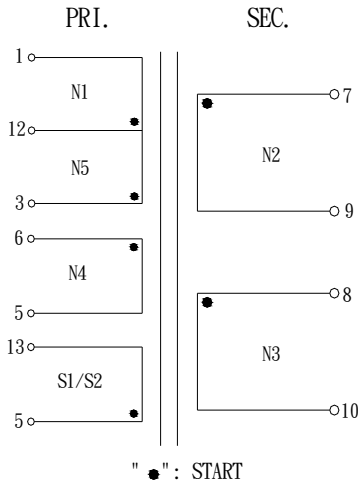
NOTES:

1. MANUFACTURING SITE:(□□□□)
   LI TAI LTFC:Fujian,China
   LI TAI LTSZ:Shenzhen,Guangdong,China
   LI TAI LTSJ:Suzhou,Jiangsu,China
   LOT NO.(XX XX)
   YEAR WEEK
2. CORE 中柱和接面處點膠固定.
3. PIN 1 朝外繞製.
4. PIN 2,4,11,14 CUT OFF.
5. 二次測鐵心需背膠 1L(高溫膠布).

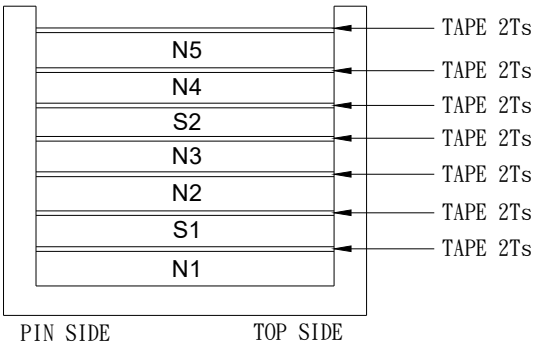
SPECIFICATION FOR APPROVAL		CUSTOMER: 鈺緯
LI TAI PART NO. :	REV. :	CUSTOMERPART NO.:
PT-026533	A0	
PART NAME :	SPEC. NO. :	ISSUE DATE
TRANSFORMER		2025-04-16

2.Winding Specification :

2-1 Schematic :



2-2 Winding Order :



NO.	Winding	Terminal	Wire	Turns	Remark
1	N1	12---1	2UEW φ0.35x1c	20	
2	S1	5---13	2UEW φ0.25x1c	24	
3	N2	7---9	TEX-E φ0.45x2c	7	
4	N3	8---10	TEX-E φ0.45x2c	7	
5	S2	5---13	2UEW φ0.25x1c	24	
6	N4	6---5	2UEW φ0.25x2c	7	
7	N5	3---12	2UEW φ0.35x1c	13	

* N2,N3 由上方起繞,結束線從頂部拉至上方柱子接回 PIN.
* N4 PIN 朝內繞線，由 PIN5 起繞，結束於 PIN6.

3. Electrical Characteristics :

ELECTRICAL CHARACTERISTICS				
NO.	ITEM	TEST TERMINAL	SPECIFICATION	TEST INSTRUMENT
1	INDUCTANCE	L(3---1)	550uH±7%	WK-3260B LCZ METER @40KHz ,1V
2	LEAKAGE INDUCTANCE	Lk(3---1) SEC SHORT	10uH MAX	
3	DC.RESISTANCE	R(3---1)	435mΩ MAX.	CHEN HWA 502 OHM METER @25℃
		R(7---9)	30mΩ MAX.	
		R(8---10)	30mΩ MAX.	
		R(6---5)	105mΩ MAX.	
4	HI-POT TEST	PRI TO SEC	3600VAC/3mA/3SEC	ZENTECH 9072A
		PRI & SEC TO CORE	1800VAC/3mA/3SEC	

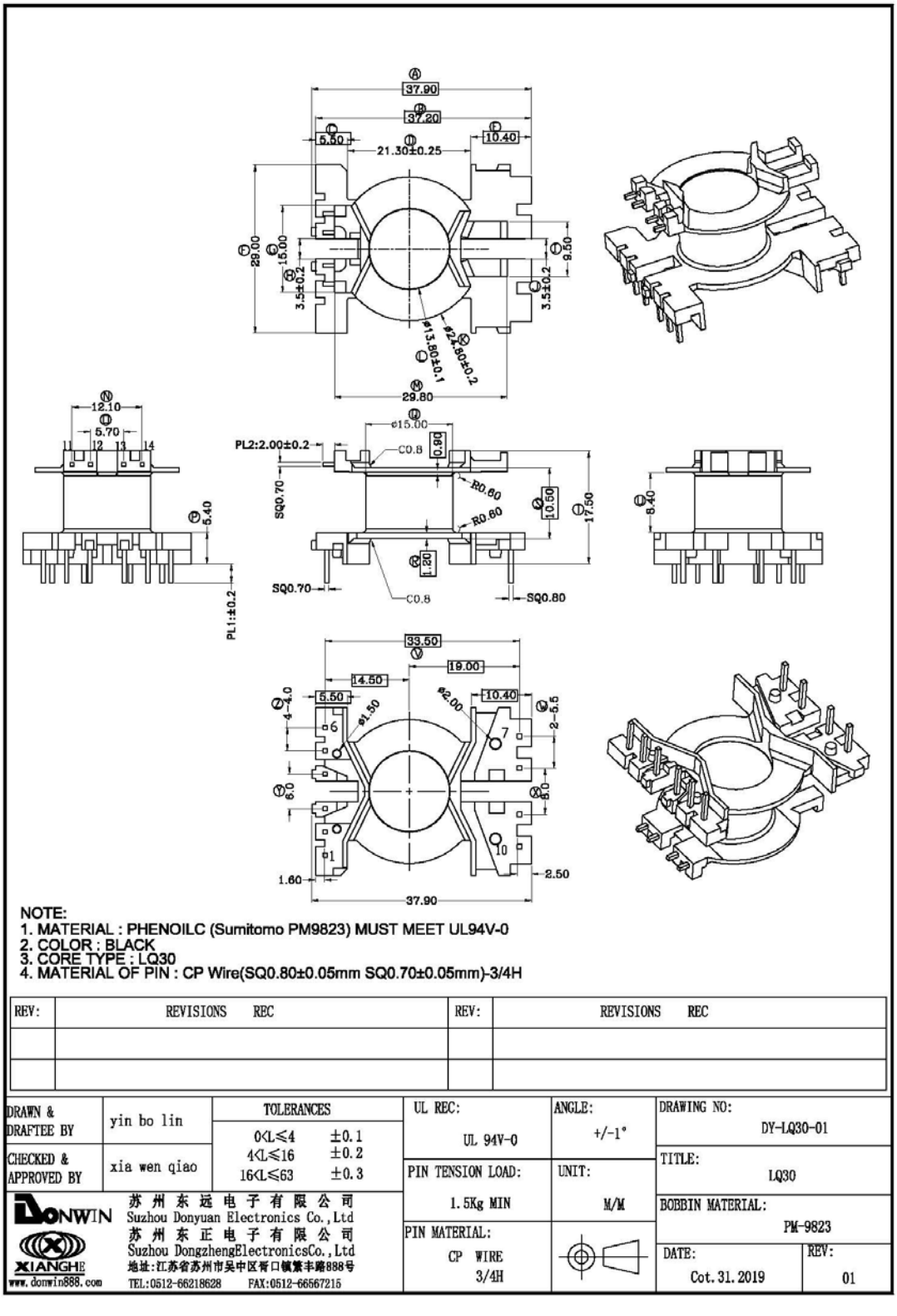
SPECIFICATION FOR APPROVAL		CUSTOMER: 鈺緯
LI TAI PART NO. :	REV. :	CUSTOMERPART NO.:
PT-026533	A0	
PART NAME :	SPEC. NO. :	ISSUE DATE
TRANSFORMER		2025-04-16

4. Material List :

NO	SUB PART	RAW MATERIAL				
		MANUFACTURER	DESCRIPTION	TYPE	FLAME/ TEMP	UL NO.
1	CORE	TONG DA	FERRITE CORE LQ3017	TD47	N/A	N/A
		MAOXIANG OR EQU		MP4C		
2	BOBBIN	SUMITOMO BAKELITE CO.,LTD	PHENOLIC	PM-9823	150℃	E41429
3	WIRE	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	POLYURETHANE	UEW/U@ (ANSI MW-75C)	130℃	E201757
4	TRIPLE WIRE	FURUKAWA ELECTRIC CO.,LTD	TRIPLE INSULATION WIRE	TEX-E	130℃	E206440
5	TAPE	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD Dielectric breakdown 5.0kv THICKNESS 0.060mm±0.01mm	POLYETHYLENE TEREPHTHALATE	CT* (c)(g)	130℃	E165111
			POLYIMIDE	PF* (d)(g)	180℃	
		SYMBIO INC (Dielectric breakdown 5.0kv THICKNESS 0.055mm±0.005mm	POLYETHYLENE TEREPHTHALATE	NO.35660(a)	130℃	E50292
			POLYETHYLENE	KA200	200℃	
6	EPOXY	DONG GUAN SHI PAI HUA CHUANG MATERIAL FTY		H907-HF	130℃	E304477
7	VARNISH	SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO LTD	POLYESTER	T-4260(a)	130℃	E228349

SPECIFICATION FOR APPROVAL		CUSTOMER: 鈺緯
LI TAI PART NO. :	REV. :	CUSTOMERPART NO.:
PT-026533	A0	
PART NAME :	SPEC. NO. :	ISSUE DATE
TRANSFORMER		2025-04-16

5. Bobbin Dimension



NOTE:
1. MATERIAL : PHENOILC (Sumitomo PM9823) MUST MEET UL94V-0
2. COLOR : BLACK
3. CORE TYPE : LQ30
4. MATERIAL OF PIN : CP Wire(SQ0.80±0.05mm SQ0.70±0.05mm)-3/4H

REV:	REVISIONS REC	REV:	REVISIONS REC

DRAWN & DRAFTEE BY	yin bo lin	TOLERANCES	UL REC:	ANGLE:	DRAWING NO:
CHECKED & APPROVED BY	xia wen qiao	0<L≤4 ±0.1 4<L≤16 ±0.2 16<L≤63 ±0.3	UL 94V-0	+/-1°	DY-LQ30-01
			PIN TENSION LOAD:	UNIT:	TITLE: LQ30
			1.5Kg MIN	M/M	BOBBIN MATERIAL: PM-9823
			PIN MATERIAL: CP WIRE 3/4H		DATE: Cot.31.2019 / REV: 01

DONWIN / XIANGHE www.donwin888.com
苏州东远电子有限公司 Suzhou Donyuan Electronics Co.,Ltd
苏州东正电子有限公司 Suzhou DongzhengElectronicsCo.,Ltd
地址:江苏省苏州市吴中区胥口镇繁丰路888号
TEL:0512-66218628 FAX:0512-66567215