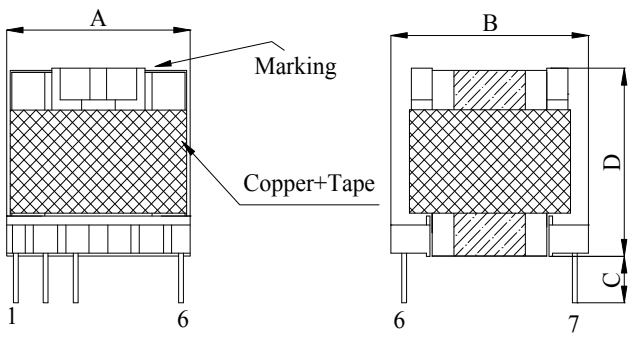
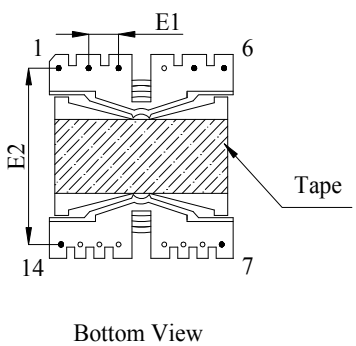
SPECIFICATION FOR APPROVAL

OUTLINE DIMENSION

CUSTOMER	*	**DESCRIPTION**	**PQ2016 Transformer**
CUSTOMER PART NO.		**VERSION**	**1.0**
PART NO	**T20953**	**PAGE NO**	**1 OF 3**

1. OUTLINE DIMENSION(UNIT:mm):





A	24.00		(Max.)	mm
B	25.50		(Max.)	mm
C	4.00	±	1.0	mm
D	19.50		(Max.)	mm
E1	3.80	±	0.5	mm
E2	20.50	±	0.5	mm
F	0.60		(Ref.)	mm

Note:

(1) The marking:

T20953 YY WW

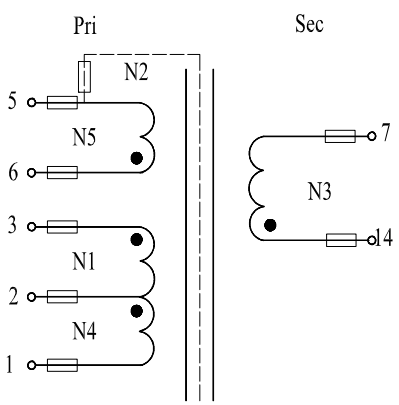
YY: Year ; WW: Week.

(2) Fix cores with 3 turns insulation tape;

(3) PIN4,8,9,10,11,12,13 Cut off;PIN5 Cut off 3/4;

(4) Mark PIN1 with white;

2. SCHEMATIC DIAGRAM:



NOTES: " ● " START OF WINDING

▭ : White TFT tube

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SPECIFICATION FOR APPROVAL

WINDING & ELECTRICAL CHARACTERISTIC SPEC

CUSTOMER	*	**DESCRIPTION**	**PQ2016 Transformer**
CUSTOMER PART NO.		**VERSION**	**1.0**
PART NO	**T20953**	**PAGE NO**	**2 OF 3**

3. WINDING PARAMETER:

WINDING No.	MATERIAL SPEC.	Start PIN---Finish PIN	TURNS	MYLAR TAPE	MARGIN TAPE		Winding Method	REMARK
					TOP	PIN		
N1	UEF1/U ¢0.32mm x 1P	3 - 2	41	2			Close	
N2	Copper foil T0.05*5.0mm(背膠)	5 -	1.1	3				
N3	¢0.30mm (T.I.W) x 1P	14 - 7	26	2			Close	
N4	UEF1/U ¢0.32mm x 1P	2 - 1	21	2			Close	
N5	UEF1/U ¢0.20mm x 1P	6 - 5	8	2			Close	

NOTE:

4. ELECTRICAL CHARACTERISTIC:

NO.	ITEM	MEASURE POINT	TECHNICAL DATA	CONDICATION/REMARK
1	INDUCTANCE	Pin (3-1)	0.976~1.12mH	1KHz 0.30V
2	Leakage Inductance	Pin (3-1)	100.0 uH Max.	1KHz 0.30V ; Short other Pin
3	DCR Test	Pin (3-1)	0.65 Ω Max.	@25℃
4	HI-POT Test	COIL TO CORE	AC 3.75KV	1mA 60S 50/60Hz
		PRI TO CORE	AC 0.50KV	1mA 60S 50/60Hz
5				

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SPECIFICATION FOR APPROVAL

DATA SHEET

CUSTOMER	*	**DESCRIPTION**	**PQ2016 Transformer**
CUSTOMER PART NO.		**VERSION**	**1.0**
PART NO	**T20953**	**PAGE NO**	**3 OF 3**

5.1OUTLINE DIMENSION (UNIT:mm):

TEST ITEM	SPEC.			MAX	MIN	1	2	3	4	5		AVERAGE
A	24.00		(Max.) mm	23.45	23.35	23.40	23.42	23.45	23.35	23.38		23.400
B	25.50		(Max.) mm	24.35	23.63	24.30	24.22	23.63	24.18	24.35		24.136
C	4.00	±	1.00 mm	4.02	3.88	3.95	4.02	3.88	3.94	3.97		3.952
D	19.50		(Max.) mm	18.88	18.72	18.72	18.77	18.72	18.85	18.88		18.788
E1	3.80	±	0.50 mm	3.76	3.61	3.76	3.73	3.61	3.75	3.68		3.706
E2	20.50	±	0.50 mm	20.48	20.36	20.39	20.48	20.47	20.42	20.36		20.424
F	0.60		(Ref.) mm	0.56	0.54	0.54	0.55	0.55	0.55	0.56		0.550

5.2 ELECTRICAL CHARACTERISTIC:

TEST ITEM	MEASURE POINT	TEST CONDITION	SPEC.	1	2	3	4	5		AVERAGE
INDUCTANCE	Pin (3-1)	1KHz 0.30V	0.976~1.12mH	1.008	1.023	1.023	1.004	1.061		1.0238
Lk	Pin (3-1)	1KHz 0.30V ; Short other Pin	100.0 uH Max.	73.100	72.250	75.350	71.650	71.900		72.8500
DCR Test	Pin (3-1)	@25℃	0.65 Ω Max.	0.573	0.571	0.570	0.571	0.569		0.5708
HI-POT Test	COIL TO CORE	1mA 60S 50/60Hz	AC 3.75KV	PASS	PASS	PASS	PASS	PASS		N/A
	PRI TO CORE	1mA 60S 50/60Hz	AC 0.50KV	PASS	PASS	PASS	PASS	PASS		N/A

5.3TEST INSTRUMENTS:

L&Lk&SRF： WK3260B ;

DCR： Gain Kai Ta 502BCOHM;

HI-POT： CH19053.

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