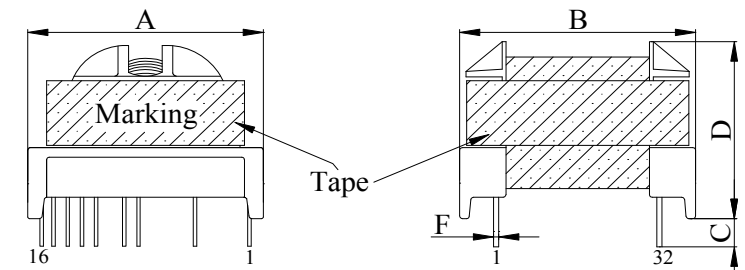
SPECIFICATION FOR APPROVAL

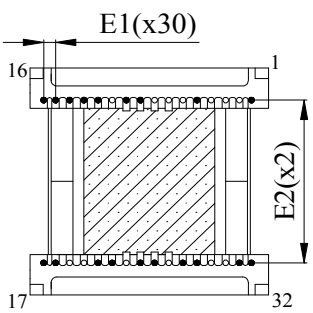
OUTLINE DIMENSION

CUSTOMER	*	**DESCRIPTION**	**ETD34 Transformer**
CUSTOMER PART NO.		**VERSION**	**1.0**
PART NO	**T30830**	**PAGE NO**	**1 OF 3**

1. OUTLINE DIMENSION(UNIT:mm):



Front View　　Side View



Bottom View

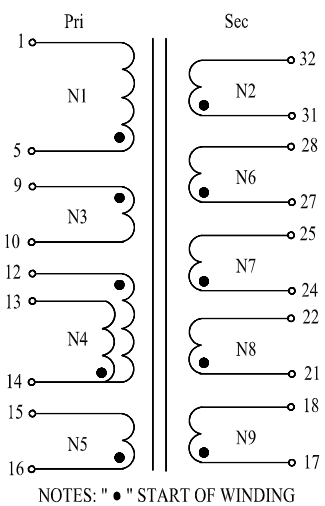
A	45.0		(Max.)	mm
B	38.0		(Max.)	mm
C	4.0	±	0.5	mm
D	30.0		(Max.)	mm
E1	2.5	±	0.5	mm
E2	25.0	±	0.6	mm
F	0.80	±	0.1	mm
G				mm

Note:
(A) The marking:

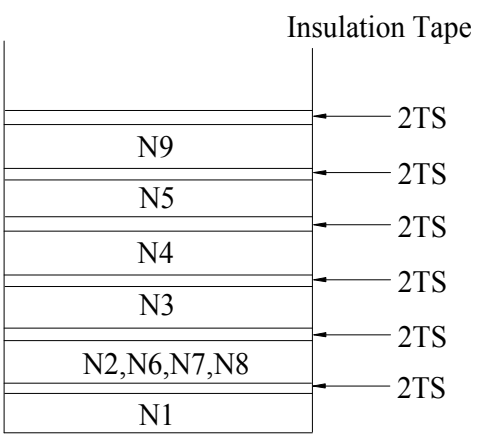
T30830
YY WW

YY: Year ; WW: Week.
(B) Mark pin1 with white;
(C) Pin 2,4 Cut off , Pin6 Cut off 2/3;
(D) Fix cores with epoxy and 2 turns insulation tape;

2. SCHEMATIC DIAGRAM:



NOTES: " • " START OF WINDING



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SPECIFICATION FOR APPROVAL

WINDING & ELECTRICAL CHARACTERISTIC SPEC

CUSTOMER	*	**DESCRIPTION**	**ETD34 Transformer**
CUSTOMER PART NO.		**VERSION**	**1.0**
PART NO	**T30830**	**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	¢ 0.40mm*1P UEFN/U	5 - 1	112	3			Close	
N2	¢ 0.40mm*1P UEFN/U	31 - 32	11	2			Close	
N6	¢ 0.40mm*1P UEFN/U	27 - 28	11					
N7	¢ 0.40mm*1P UEFN/U	24 - 25	11					
N8	¢ 0.40mm*1P UEFN/U	22 - 21	11					
N3	¢ 0.40mm*1P UEFN/U	9 - 10	13	2			Sparse	
N4	¢ 0.40mm*1P UEFN/U	12 - 14	8	2			Sparse	
	¢ 0.40mm*1P UEFN/U	14 - 13	8					
N5	¢ 0.40mm*1P UEFN/U	16 - 15	5	2			Sparse	
N9	¢ 0.40mm*3P UEFN/U	17 - 18	11	2			Sparse	

NOTE:

4. ELECTRICAL CHARACTERISTIC:

NO.	ITEM	MEASURE POINT	TECHNICAL DATA	CONDICATION/REMARK
1	INDUCTANCE	Pin (5-1)	3.79mH ± 10%	At 10KHz 0.25V
2	LEAKAGE INDUCTANCE	Pin (5-1)	75.0uH Max.	At 10KHz 0.25V, Short other Pin
3	DCR Test	Pin (5-1)	0.90 Ω Max.	@25℃
4	HI-POT Test	PRI TO SEC	2.0KV AC	5mA 2S 50/60Hz
		PRI ,SEC TO CORE	1.0KV AC	5mA 2S 50/60Hz
5				

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SPECIFICATION FOR APPROVAL

DATA SHEET

CUSTOMER	*	**DESCRIPTION**	**ETD34 Transformer**
CUSTOMER PART NO.		**VERSION**	**1.0**
PART NO	**T30830**	**PAGE NO**	**3 OF 3**

5.1OUTLINE DIMENSION (UNIT:mm):

TEST ITEM	SPEC.	MAX	MIN	1	2	3	4	5		AVERAGE
A	45.0 (Max.) mm	43.27	43.04	43.06	43.04	43.24	43.27	43.24		43.170
B	38.0 (Max.) mm	36.34	36.23	36.33	36.33	36.34	36.23	36.27		36.300
C	4.0 ± 0.50 mm	4.29	3.96	4.29	4.03	3.96	4.04	4.12		4.088
D	30.0 (Max.) mm	28.72	28.27	28.69	28.72	28.27	28.63	28.51		28.564
E1	2.5 ± 0.50 mm	2.50	2.42	2.43	2.50	2.42	2.45	2.46		2.452
E2	25.0 ± 0.60 mm	25.34	25.16	25.34	25.16	25.28	25.23	25.20		25.242
F	0.8 ± 0.1 mm	0.79	0.76	0.76	0.76	0.79	0.76	0.78		0.770
G										

5.2 ELECTRICAL CHARACTERISTIC:

TEST ITEM	MEASURE POINT	TEST CONDITION	SPEC.	1	2	3	4	5		AVERAGE
INDUCTANCE	Pin (5-1)	At 10KHz 0.25V	3.79mH ± 10%	3.77	3.85	3.84	3.74	3.87		3.814
Lk	Pin (5-1)	At 10KHz 0.25V, Short other Pin	75.0uH Max.	44.65	48.30	43.55	43.30	41.14		44.188
DCR Test	Pin (5-1)	@25℃	0.90 Ω Max.	0.690	0.689	0.686	0.688	0.692		0.6890
HI-POT Test	PRI TO SEC	5mA 2S 50/60Hz	2.0KV AC	PASS	PASS	PASS	PASS	PASS		N/A
	PRI ,SEC TO CORE	5mA 2S 50/60Hz	1.0KV AC	PASS	PASS	PASS	PASS	PASS		N/A

5.3TEST INSTRUMENTS:

L&Lk： WK3260B;

DCR： Gain Kai Ta 502BCOHM;

HI-POT： CH19053.

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