



SPECIFICATION FOR APPROVAL

DESCRIPTION: TRANSFORMER
 SPECIFICATION: B1-1-10-T3-3
 PART NO: FWPTEE13H102J
 ISSUE DATE: 8 October 2022

MANUFACTURER APPROVAL		
PREPARED	CHECKED	APPROVED

CUSTOMER APPROVAL		
PREPARED	CHECKED	APPROVED

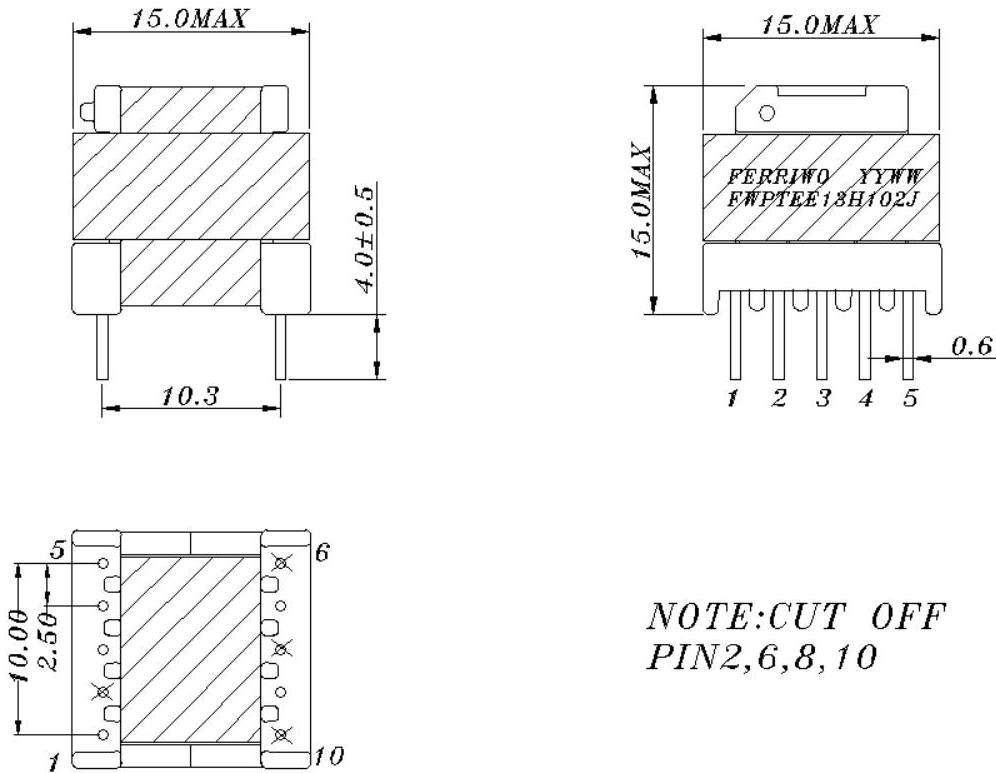
Haining Ferriwo Electronics Co.,Ltd.

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1. PHYSICAL DIMENSION(UNIT: m/m):



*NOTE: CUT OFF
PIN2,6,8,10*

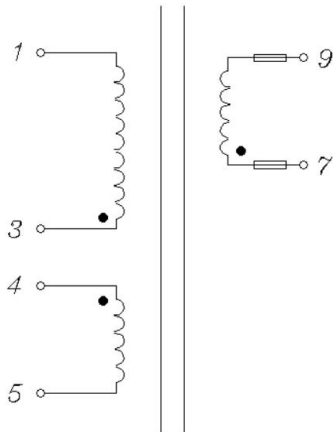
LEAD FREE

*.Core fix tape 2Ts .

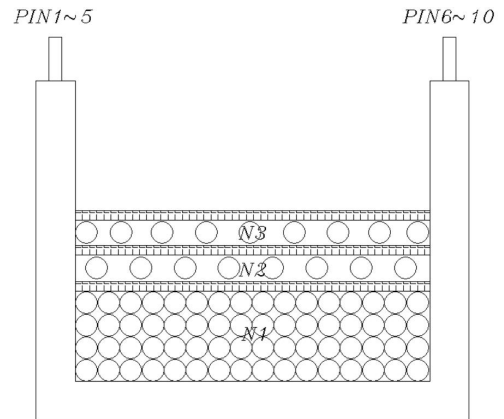
*.The Label is placed on the product(see the picture above).

DIM	A	B	C	D	E	F	G	H				
SPEC												
						DESCRIPTION		TRANSFORMER				
						Customer P/N		B1-1-10-T3-3				
						FERRIWO P/N		FWPTEE13H102J				
SPEC. NO.	PS-2022-037				PREPARED			APPROVED				

2.WINDING TABLE:



3.WINDING:



4.WINDING TABLE:

Winding NO.	Margin Tape	PIN	Wire & Wire Copper	Turns	Winding Type	Tape Layer	Tube
N1		3~1	0.27 ϕ x 1P	130Ts	CLOSE	2Ts	
N2		4~5	0.21 ϕ x 1P	18Ts	SPREAD	2Ts	
N3		7~9	0.35 ϕ x 1P TIW	10Ts	SPREAD	2Ts	

NOTE:

- 1. Products should be vacuum impregnation
- *VARNISH RATIO: 1:1
- *VACUUM TIME: 15~20minutes
- *BAKED TEMPERATURE : 120°C±10°C, 1~1.5hours

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5. ELECTRONICAL CHARACTERISTIC:

TEST CONDITION : TEMPERATURE AT 25°C

HUMIDITY AT 65 ±5% RH

TEST ITEM	TEST CONDITION	RESULT
INDUCTANCE CH-3250	@15KHz,1V (3~1)	1.0mH±5%
HI-POT TEST CH-9052	@ 5mA 60SEC (AC)	PRI<->SEC 2.5 KV; PRI<->AUX 1.5 KV; PRI<->CORE 1.5 KV;

NOMINAL RATED POWER - 30 VA

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6. MATERIAL LIST :

ITEM		MATERIAL	SUPPLIER OR MANUFACTURER	TEMPRATING
1	CORE EE13/6/6	FW40 OR EQUIVALENT	HAINING FERRIWO ELECTRONICS CO., LTD.	
2	BOBBIN	PHENOLIC OR EQUIVALENT	SUMITOMO BAKELITE CO., LTD. UL NO E41429	150℃
3	WIRE	2UEW-F	PACIFIC ELECTRIC WIRE&CABLE(SHENZHEN) CO. LTD UL NO E84081	155℃
4	TAPE	CT280	YAHUA STICKING TAPE CO.,LTD UL NO E165111	130℃
5	TUBE	TEFLON TUBE	GREAT HOLDING INDUSTRIAL CO.,LTD UL NO E156256	200℃
6	VARNISH	R-1038	JOHN C DOLPH CO BC-346A UL NO E317427	130℃
7	FLUX	TF9100	LINAN GUITONG CHEMICAL TECHNICAL CO.,LTD	
8	TIN	Sn99.3Cu0.7	HAINING ZHUCHANG METAL FOIL CO;LTD	

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