






SPECIFICATION FOR APPROVAL

DESCRIPTION : Transformer
 SPECIFICATION : EFD25
 PART NO. : FWPTEFD25H152K-1
 ISSUE DATE : 17 June 2015

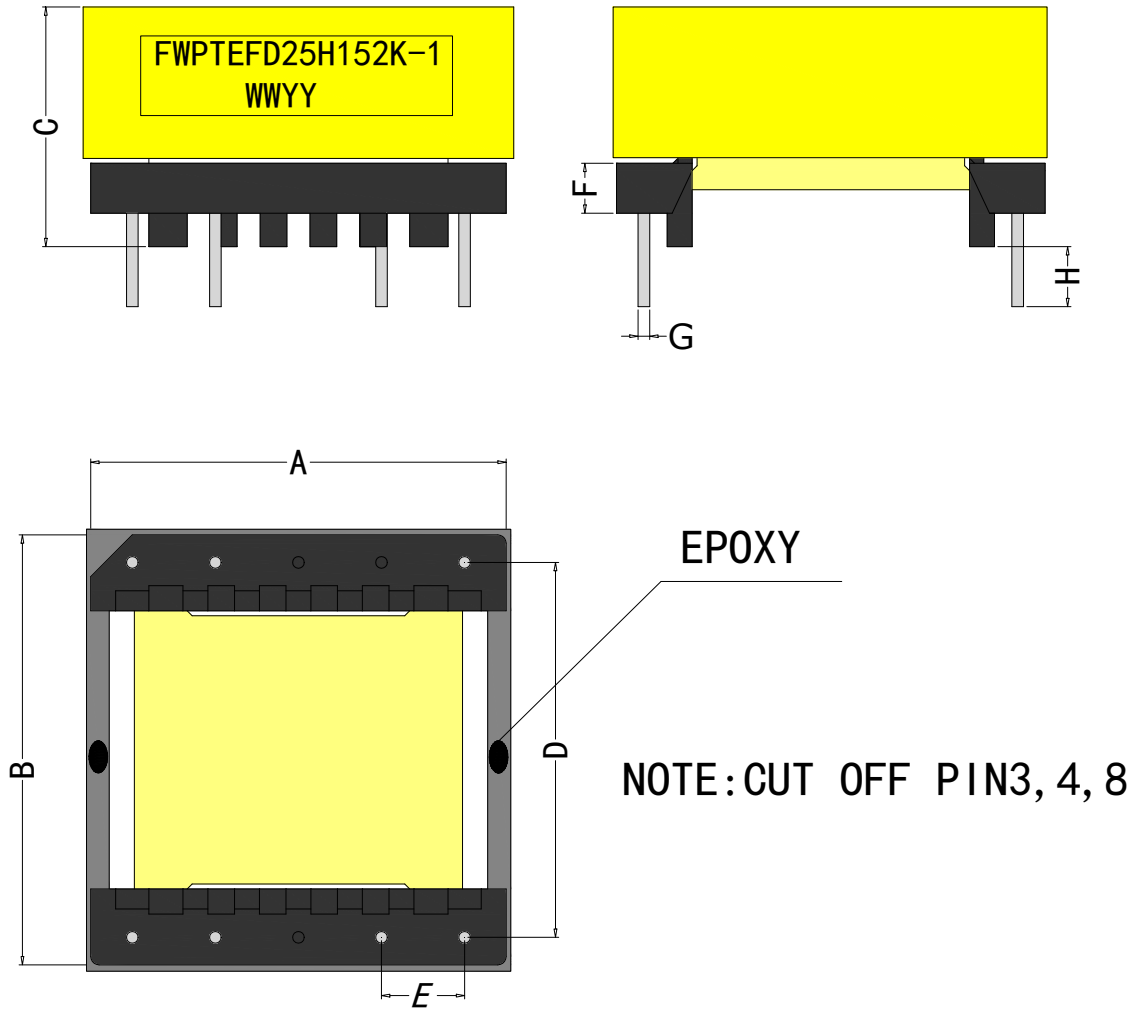
MANUFACTURER APPROVAL		
PREPARED	CHECKED	APPROVED
		

CUSTOMER APPROVAL		
RECEIPT	CHECKED	APPROVED

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SPECIFICATION

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



- ※ DIMENSIONS WITHOUT TOLERANCE ARE APPROX
- ※ DIMENSION DOES NOT INCLUDE SOLDER USED ON COILS

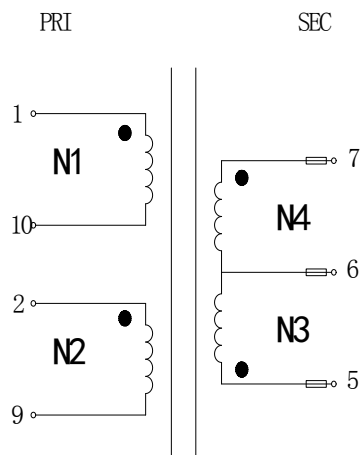
LEAD FREE

DIM	A	B	C	D	E	F	G	H				
	MAX	MAX	MAX	+/-0.2	+/-0.1	+/-0.2	+/-0.1	+/-0.5				
SPEC	27.0	28.0	16.0	22.5	5.0	3.0	0.7	3.5				

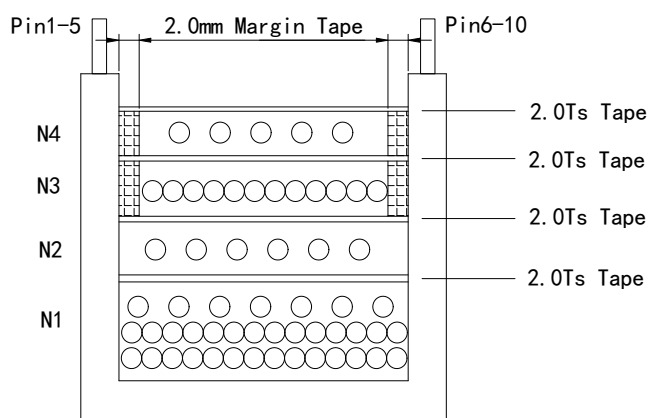
	DESCRIPTION	TRANSFORMER
	Customer P/N	LT20_T2m-4
	FERRIWO P/N	FWPTEFD25H152K-1

SPEC. NO.	PS-1001-024	PREPARED		APPROVED	
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2.WINDING TABLE:



3.WINDING:



4.WINDING TABLE:

Winding NO.	Margin Tape	PIN	Wire & Wire Copper	Turns	Winding Type	Tape Layer	Tube
N1	0	1~10	0.12 ϕ x 3P	102 T	Dispersed	2.0	0
N2	0	2~9	0.20 ϕ x 1P	6 T	Dispersed	2.0	0
N3	2mm	5~6	0.5 ϕ x 1P (TRW-B)	19 T	Compact	2.0	F=S \approx 10mm
N4	2mm	7~6	0.2 ϕ x 1P (TRW-B)	6 T	Dispersed	2.0	F=S \approx 10mm

NOTE:

- Products should be vacuum varnish
 - *VARNISH RATIO: 1:2
 - *VACUUM TIME: 15~20minutes
 - *BAKED TEMPERATURE : 120 $^{\circ}$ C \pm 10 $^{\circ}$ C, 1~1.5hours

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SPECIFICATION

5. ELECTRONICAL CHARACTERISTIC:

TEST CONDITION : TEMPERATURE AT 25 °C
HUMIDITY AT 65 ±5% RH

TEST ITEM	TEST CONDITION	RESULT
INDUCTANCE CH-3250	@1.0KHz,1.0V (1~10)	1.55mH±10%
HI-POT TEST CH-9052	@ 5mA 60SEC (AC)	P<->S 4.0 KV; P、S<-> CORE 0.5KV;

NOMINAL RATED POWER - 100 VA

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6. MATERIAL LIST :

ITEM		MATERIAL	SUPPLIER OR MANUFACTURER	TEMPRATING
1	CORE	FW44 OR EQUIVALENT	HAINING FERRIWO ELECTRONICS CO., LTD.	
2	BOBBIN	PHENOLIC OR EQUIVALENT	SUMITOMO BAKELITE CO., LTD. UL NO E41429	150 °C
3	WIRE	2UEW	PACIFIC ELECTRIC WIRE&CABLE(SHENZHEN) CO. LTD UL NO E84081	155 °C
4	TRIPLE WIRE	TRIPLE. INSULATION. WIRE TRW(B)	GREAT LEOFロン INDUSTRIAL CO.,LTD UL NO E211989	130 °C
5	TAPE	CT280	YAHUA STICKING TAPE CO.,LTD UL NO E165111	130 °C
6	MARGIN TAPE	WF-2902	YAHUA STICKING TAPE CO.,LTD UL NO E324093	130 °C
7	VARNISH	R-1038	JOHN C DOLPH CO BC-346A UL NO E317427	130 °C
8	FLUX	TF9100	LINAN GUITONG CHEMICAL TECHNICAL CO.,LTD	
9	TIN	Sn99.3Cu0.7	HAINING ZHUCHANG METAL FOIL CO;LTD	
10	EPOXY	E-500 (BLACK)	SUZHOU EATTO ELECTRONIC MATERIAL CO.,LTD UL NO E218090	130 °C
11	TUBE	TEFLON TUBE	GREAT HOLDING INDUSTRIAL CO.,LTD UL NO E156256	200 °C

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