






**SPECIFICATION FOR APPROVAL**

DESCRIPTION : Transformer  
 SPECIFICATION : EVD25-750uH  
 PART NO. : FWPTEVD25H751K-1  
 ISSUE DATE : March 17, 2023

MANUFACTURER APPROVAL		
PREPARED	CHECKED	APPROVED
		

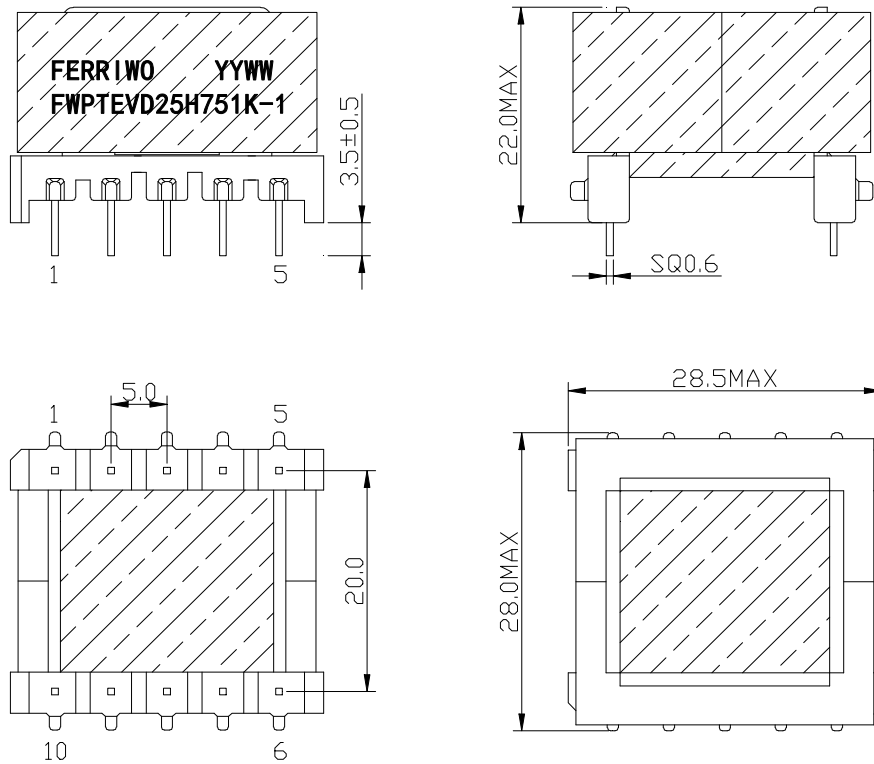
CUSTOMER APPROVAL		
RECEIPT	CHECKED	APPROVED

Haining Ferriwo Electronics Co., Ltd.	
Address: Block 13, Caohejing Technology Park, No.8, Haining Avenue, Haining, Zhejiang 314400, China	
TEL: +86-573-87088701	FAX: +86+573-87081130
www.ferriwo.com	sales@ferriwo.com



# SPECIFICATION

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



**LEAD FREE**

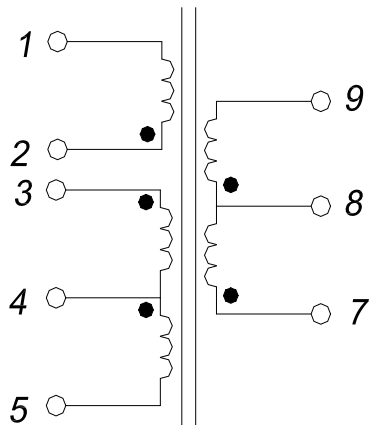
\*.Core fix tape 3Ts .

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

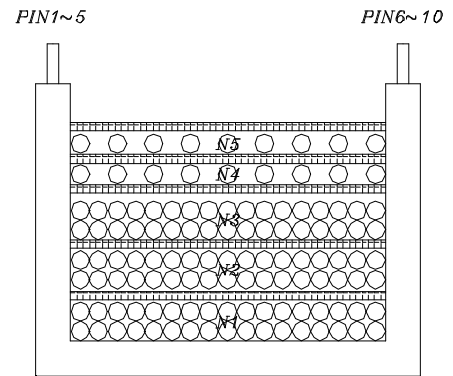
DIM	A	B	C	D	E	F	G	H									
SPEC																	
						DESCRIPTION			TRANSFORMER								
						Customer P/N			EVD25-750uH								
						FERRIWO P/N			FWPTEVD25H751K-1								
SPEC. NO.	PS-2023-015				PREPARED			APPROVED									

# SPECIFICATION

## 2. SCHEMATIC DIAGRAM:



## 3. CROSS SECTION



## 4. WINDING TABLE:

Winding NO.	Margin Tape	PIN	Wire & Wire Copper	Turns	Winding Type	Tape Layer	Tube
N1		3~4	0.1 $\phi$ x15P	40Ts	CLOSE	3Ts	
N2		7~8	0.1 $\phi$ x50P	20Ts	CLOSE	3Ts	
N3		4~5	0.1 $\phi$ x15P	40Ts	CLOSE	3Ts	
N4		8~9	0.2 $\phi$ x1P	7Ts	SPREAD	3Ts	
N5		2~1	0.2 $\phi$ x1P	10Ts	SPREAD	3Ts	

### NOTE:

- Products should be vacuum varnish.
  - \*VARNISH RATIO:1:2
  - \*VACUUM TIME:15~20minutes
  - \*BAKED TEMPERATURE:120°C±10°C,1~1.5huors

**LEAD FREE**

**FERRIWO**

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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	@1KHz,0.3V (3~5)	750uH±10%
LEAKAGE INDUCTANCE CH-3250	@100KHz,1V (3~5)	6.0uH MAX SHORT OTHER PIN

NOMINAL RATED POWER - 150 VA

**LEAD FREE**



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## 6. MATERIAL LIST :

ITEM		MATERIAL	SUPPLIER OR MANUFACTURER	TEMPRATING
1	CORE EVD25	FW44 OR EQUIVALENT	HAINING FERRIWO ELECTRONICS CO., LTD.	
2	BOBBIN FWB2508-Y	PHENOLIC OR EQUIVALENT	CHANG CHUN PLASTICS CO., LTD. UL NO E59481	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	VARNISH	BC-346A	JOHN C DOLPH CO BC-346A UL NO E317427	130℃
6	FLUX	TF9100	LINAN GUITONG CHEMICAL TECHNICAL CO.,LTD	
7	TIN	Sn99.3Cu0.7	HAINING ZHUCHANG METAL FOIL CO;LTD	

**LEAD FREE**



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TRANSFORMER

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