






A PASSION FOR
LIGHTING TECHNOLOGY



SPECIFICATION FOR APPROVAL

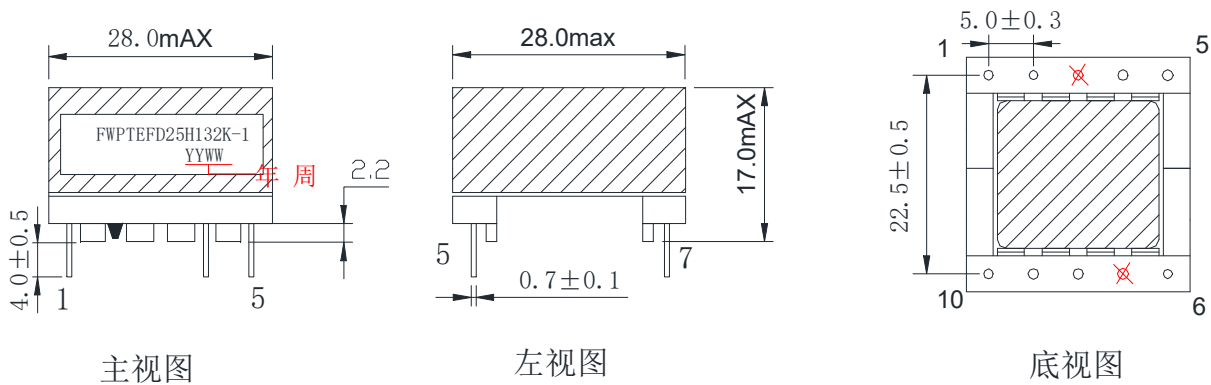
DESCRIPTION: TRANSFORMER
 SPECIFICATION: T50C60_v1.0_EFD25x9
 PART NO: FWPTEFD25H132K-1
 ISSUE DATE: Oct 14, 2024

MANUFACTURER APPROVAL		
PREPARED	CHECKED	APPROVED
		

CUSTOMER APPROVAL		
PREPARED	CHECKED	APPROVED

FOSO POWER TECHNOLOGY CO., LTD.	
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www.fosopower.com	contact@fosopower.com

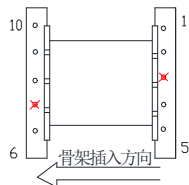
1. PHYSICAL DIMENSION(UNIT: m/m):



注：拔掉3,7脚,上锡后PIN2 ,PIN6 剪低于挡板高度

Note: CUT OFF 3,7 PINS,
CUT OFF 2/3 PIN2, PIN6,ENSURE THE HEIGHT IS NO MORE THAN THE LEVEL OF THE FRAME

- ①:N1-N5绕制方向绕线轴顺时针方向转动；
- ②:骨架插入治具方向如下图：



- ③：真空含浸（凡立水需浸透到线包最内层）
- ④：在质量跟踪上必须注明产品出烘箱时间，产品终测须在出烘箱后间隔1.5小时以上。

*.Core fix tape 2Ts .

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

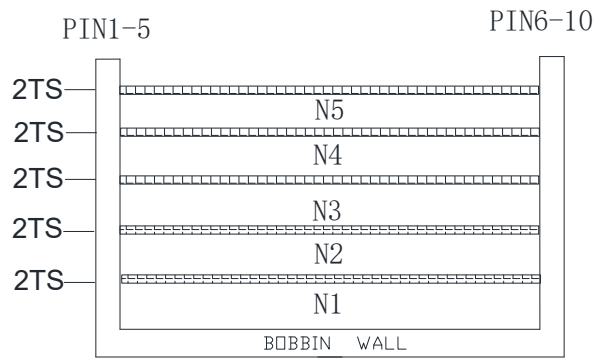
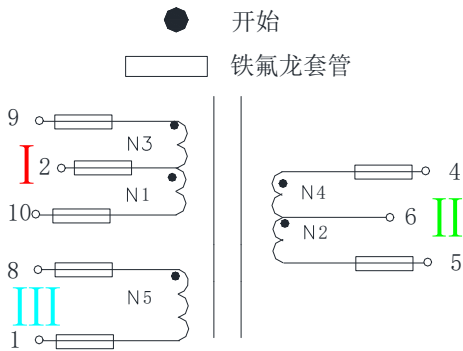
LEAD FREE

DIM	A	B	C	D	E	F	G	H				
SPEC												
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2.WINDING TABLE:

3.WINDING:






4.WINDING TABLE:

Winding	起末端				Wire	Teflon tube		Turns (TS)	Tape (TS)	Winding way
	Start	槽	End	槽		Start	End			
N1	2	1	10	6	QA-1 ϕ 0.20mm	$L \geq 10\text{mm}$	$L \geq 10\text{mm}$	65	0.025*17mm*2TS	密绕 1 层
N2	6	外槽	5	外槽	QA-1 ϕ 0.32mm*2	$L \geq 10\text{mm}$	$L \geq 10\text{mm}$	21	0.025*17mm*2TS	密绕 1 层
N3	9	6	2	1	QA-1 ϕ 0.20mm	$L \geq 10\text{mm}$	$L \geq 10\text{mm}$	17	0.025*17mm*2TS	均绕 1 层
N4	4	3	6	外槽	QA-1 ϕ 0.32mm*2	$L \geq 10\text{mm}$	$L \geq 10\text{mm}$	19	0.025*17mm*2TS	密绕 1 层
N5	8	5	1	外槽	QA-1 ϕ 0.20mm	$L \geq 10\text{mm}$	$L \geq 8\text{mm}$	16	0.025*17mm*2TS	居中均绕
Wrap tape along the direction of the core									0.025*9.0mm*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	@1KHz,1V (2~10)	1345uH±5%
HI-POT TEST CH-9052	AC2500V/50Hz/2mA/3S	I , II-III AC2500V

NOMINAL RATED POWER - 100 VA

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6. MATERIAL LIST :

ITEM	MATERIAL	SUPPLIER OR MANUFACTURER	TEMPRATING
1	CORE EFD26	FW95 OR EQUIVALENT HAINING FERRIWO ELECTRONICS CO., LTD.	
2	BOBBIN EFD25	PHENOLIC OR EQUIVALENT SUMITOMO BAKELITE CO., LTD. UL NO E41429	150°C
3	WIRE	QA-1 PACIFIC ELECTRIC WIRE&CABLE(SHENZHEN) CO. LTD UL NO E84081	155°C
4	TAPE	CT280 YAHUA STICKING TAPE CO.,LTD UL NO E165111	130°C
5	VARNISH	R-1038 JOHN C DOLPH CO BC-346A UL NO E317427	130°C
6	FLUX	TF9100 LINAN GUITONG CHEMICAL TECHNICAL CO.,LTD	
7	TIN	Sn99.3Cu0.7 HAINING ZHUCHANG METAL FOIL CO;LTD	

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