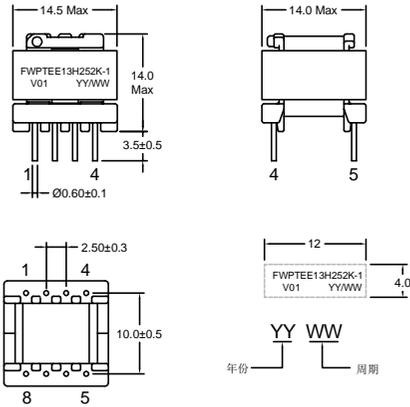


P/N: FAE13-4465



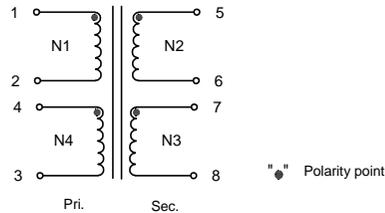
Outline Dimensions(Unit:mm)



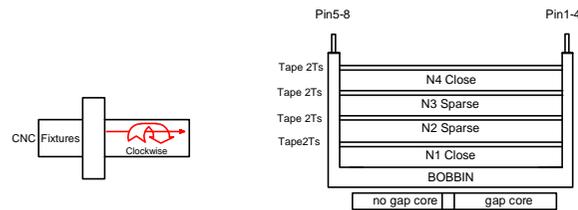
REMARK:
1.Fixed core with 2Ts tape.

1. Use transparent black text, coding or Laser Marking.
(采用透明底黑字, 喷码或激光印字).
2. The font is Arial, and the font height is 1.2mm.
(字体为Arial, 字体高度1.2mm).
3. The writing is clear and not blurred.
(字迹清晰不模糊, 不易掉).
4. The border is not printed. It only represents the size range.
(边框不印出来它只代表尺寸范围).

Electronical Schematic



Winding Construction:



Electrical Characteristics:

Inductance : L1-2= 2.54mH ±15% @10.0KHz 0.3V.

Turns Ratio N1:N2:N3:N4=120:7:5:15±2%.

Hi-Pot : Pri-Sec:3000VAC/5mA/3Seconds.
Pri/Sec-Core:500VAC/5mA/3Seconds.

Winding step.

WDG	Terminal	Wire Gauge	Turns	Tape	Margin tape		Tube		Remarks
					pin1-4 side	5-8 side	start	end	
N1	1-2	0.2mm*1P 2UEW/155°C	120	2					Clockwise Closed
N2	5-6	0.2mm*1P TIW-B	7	2					Clockwise Sparse
N3	7-8	0.2mm*1P TIW-B	5	2					Clockwise Sparse
N4	4-3	0.2mm*1P 2UEW/155°C	15	2					Clockwise Sparse

List of UL Certificate:

No.	Part Name	Mat'l Description	Supplier	UL Number
1	Bobbin	EE-1328/PHENOLIC	Chang Chun Plastics Co Ltd	E59481
2	Core	EE13/12/6-P3	FuAn	N/A
3	Wire	2UEW-F	Jiangsu Dartong M & E Co.,Ltd	E237377
4	Triple insulated wire	TIW-B/130	Shanghai SuRan Electronic Technology Co., Ltd	E335392
5	Insulation Tape	J25-A1/130C	Jingjiang Jingyi Adhesive Product Co.,Ltd	E246950
6	Varnish	T4260(a)	Suzhou Taihu Electric Advanced Material Co., Ltd	E228349
7				
8				

REV01	DESCRIPTION	APPD	DATE

Tianchang Fuan Electronic Co., Ltd
www.fuantronics.net
TEL: +86-550-7814888
FAX: +86-550-7831133

Tolerances unless otherwise specified:
(.X)±0.50 (.XX)±0.25
Unit of measurement: mm

Drawn: Frank Huang
 Checked: *Ben Sun*
 Approved: *Am Sun*

DRAWING TITLE
 EE13 Transformer
 Material Number:

Customer P/N:
 Document/Rev: FARD2305044/01
 Specification Sheet: 1 of 2
 Date of Recognition: May./12/2023



Notes of use:

1. The best assembly quality guarantee period of product : 12 months (From manufacture date).
Storage condition : seal in packaging, temperature 40 , RH 70%.
2. If taking out for use, the remaining products should be sealed in plastic bag and preserved in accordance with the above conditions, to avoid the effect of electrode oxidation on soldering status.
3. Do not keep products in unsuitable storage conditions, such as areas susceptible to high temperature, high humidity, dust or corrosion, and etc.
4. Do always handle products with care to avoid damage.
5. Do not touch electrodes with bare hands directly, as oil secretions may inhibit soldering.
6. When product will be used on a similar or new project to the original one, sometimes it might be unable to satisfy the specification due to different condition of usage.
7. This prouct itself does not have any protective function in abnormal conditions, such as overload,high temperature, high voltage and etc.
8. Hi-Pot test with higher voltage than spec value might damage insulation material and shorten its life.
9. Please do not clean this product. Washing agents used during the production to clean the application may damage or change the characteristics of the wire insulation, marking or plating. Washing agents may have a negative effect on the long-term functionality of the product. If necessary, please consult with us.
10. This product meets RoHS compliance. It contains about 90% metal components such as copper and iron, and has good recycling value. However, the product also contains plastic components such as epoxy resin, which is difficult to degrade naturally, so do not throw away at will. If need to be scrapped, please submit to the company with recycling qualification for recycling and reuse.
11. For optimized solderability, inductor stock should be used promptly, preferably within six months of receipt.

				Tianchang Fuan Electronic Co., Ltd www.fuantronics.net TEL: +86-550-7814888 FAX:+86-550-7831133	 Tolerances unless otherwise specified: (.X)±0.50 (.XX)±0.25 Unit of measurement: mm	Drawn: Frank Huang Checked: <i>Ben Sun</i> Approved: <i>Am Sun</i>	DRAWING TITLE EE13 Transformer Material Number:	Customer P/N: Document/Rev: FARD2305044/01 Specification Sheet: 2 of 2 Date of Recognition: May./12/2023
REV01	DESCRIPTION	APPD	DATE					