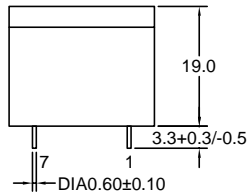


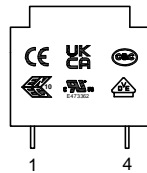
P/N: FAPE201024



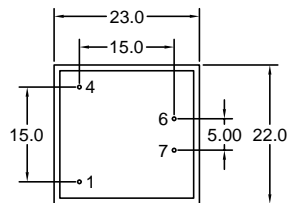
Outline Dimensions(Unit:mm)



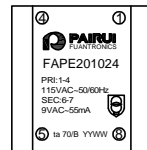
Front View



Side View



Bottom View

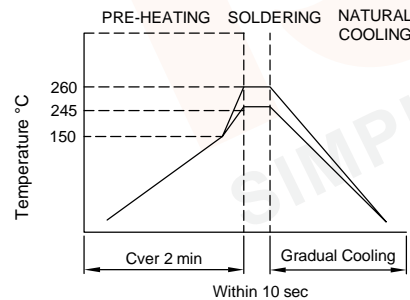


Top View

Note:

1.Remove Pins 2,3,5,8.

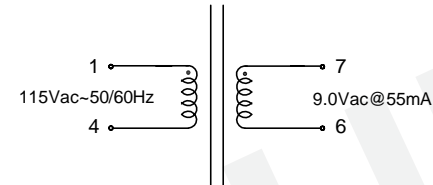
Wave Soldering



Note:

1.Never Contact the ceramic with the iron tip;
2.1.0mm tip diameter(max).

Electronical Schematic



Electrical Characteristics

Input 115Vac 60Hz to 1-4 :

Excitation current(I_x):15mA Max.

No-load power consumption:0.60W Max.

Output: V_o=13.0Vac±5% .

V_L=9.0Vac±5%(@55mA).

D.C.Resistance:1-4=2250 ohms±15%.

6-7=37.30 ohms±15%.

Hi-Pot: Pri-Sec:4000VAC/5mA/60Second.

Insulation Resistance: Pri-Sec:100 Mohms Min @500VDC.

General Properties

Operating Temperature:-25°C to +70°C.

Storage Temperature:-25°C to +85°C.

Insulation Class: B.

Reliability testing

1. Temperature Rise Test/温升测试:(T_a=25°C Input 115V 60Hz)

Pri & Sec Winding's Temperature Rise 35K Max. at Rated Load. (Resistance Method).

在周围环境温度25°C,额定负载时,用电阻法测得初次级绕组温升为35K最大.

2. Overvoltage/过压(T_a=25°C Input 150V 60Hz)AC150V 4H NO Damage.

在周围环境温度25°C,1-4脚施加150V运行4小时,变压器不损坏.

3. 跌落测试:1m高度,6面4棱各跌1次,变压器不破损,电性能正常.

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FAX: +86-550-7831133



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

Make: Qiumei.Liu

Checked: Beson. zhan

Approved: Anson. zhan

DRAWING TITLE

0.50W Encapsulated Transformer
For EE20*10,115VAC Input 50/60Hz

Material Number: A222010XS130

Customer Name:

Document/Rev: 1610058/01

Specification Sheet: 1 of 4

Date of Recognition: May./19/2023

REV	DESCRIPTION	APPD	DATE
01	增加产品空载损耗测试.	Beson	2023.05.19

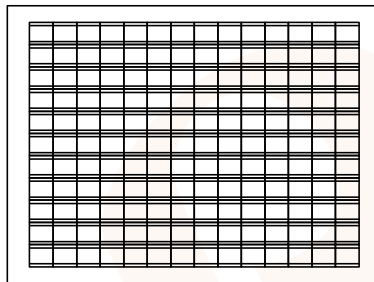
P/N: FAPE201024



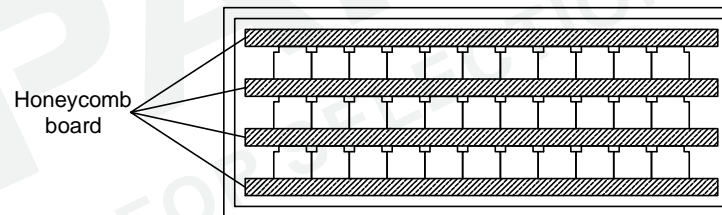
List of UL Certificate:

No.	Part Name	Mat'l Description	Supplier	UL Number
1	Bobbin	EE20*10/PBT(Black)	Chang Chun Plastics Co Ltd	E59481
2	Case	CASE-EE20*10/PBT(Orange)		
3	Copper wire	xUEW/180/MW 82-C	Shandong Saint Electric Co Ltd	E194410
4	Core	Lamination(Z11)	Ta Yea Steel Industry Co Ltd	N/A
5	Epoxy	PU552(Black)	Wevo-Chemle Gmbh	E108835
6				

Honeycomb board packaging:



Honeycomb board size:
370mm*275mm*10mm
(Length * Width * Height)



Carton Box Side View

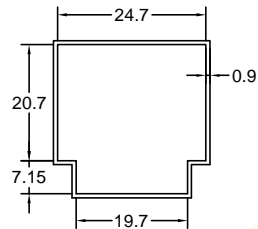
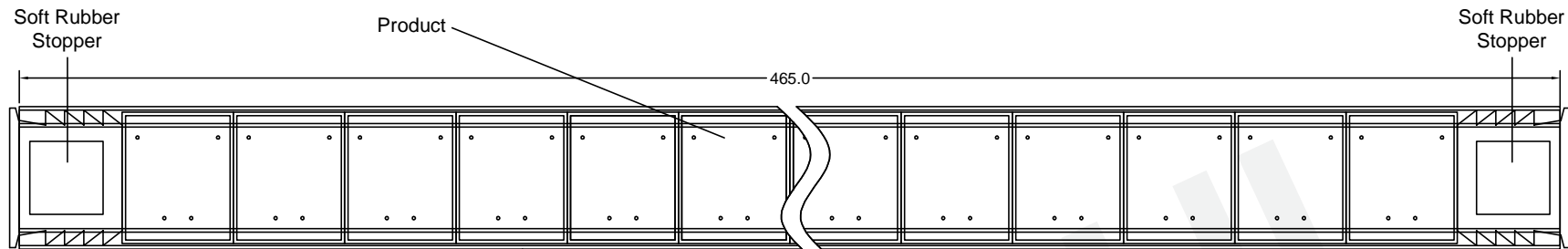
Layer/Carton	Quantity/ each layer (pcs)	Quantity/Carton (pcs)	Each product (g)	Each layer (kg)	Each box of products (kg)	box size Dimensions (mm)
3.0	154.0	462.0	35.00	5.39	17.10	385*285*110

				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	Make: Qiumei.Liu Checked: Beson. zhan Approved: Anson. zhan	DRAWING TITLE 0.50W Encapsulated Transformer For EE20*10, 115VAC Input 50/60Hz Material Number: A222010XS130	Customer Name: Document/Rev: 1610058/01 Specification Sheet: 2 of 4 Date of Recognition: May./19/2023
01	增加产品空载损耗测试.	Beson	2023.05.19					
REV	DESCRIPTION	APPD	DATE					

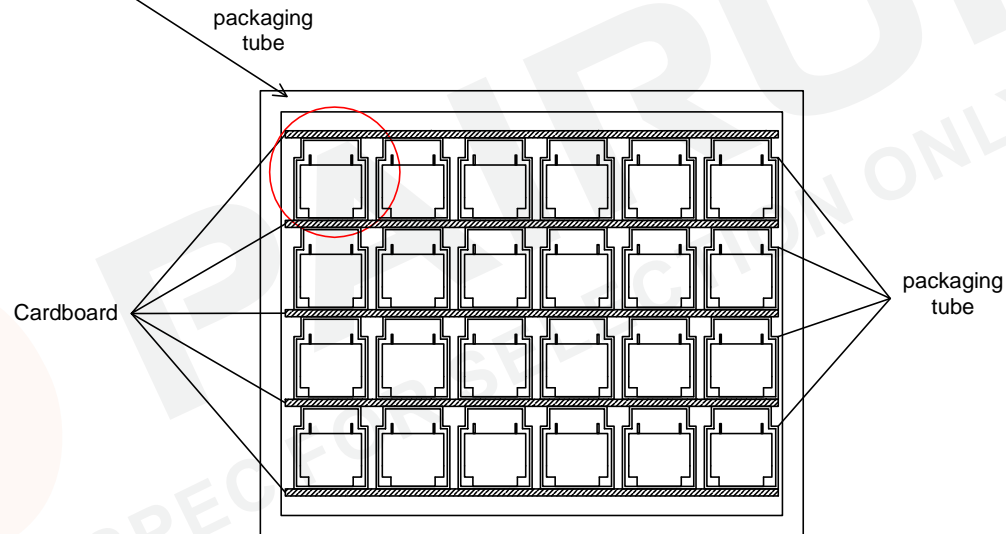
P/N: FAPE201024



Packing Method:




Size of packaging tube:
460mm*26.5mm*29.7mm
(Length * Width * Height)



Carton Box Side View

Layer/Carton	Quantity/Tube (pcs)	Quantity/Carton (pcs)	Net weight (g/pc)	Gross weight (g/tube)	Tubes/carton (pcs)	Total weight (kg)	box size Dimensions (mm)
4.0	24.0	456.0	35.0	70.58	19.00	18.50	488*195*160

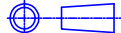
				Tianchang Fuan Electronic Co Ltd www.fuantronics.net TEL: +86-550-7814888 FAX: +86-550-7831133	 Tolerances unless otherwise specified: (.X)±0.50 (.XX)±0.25 Unit of measurement: mm	Make: Qiumei.Liu	DRAWING TITLE 0.50W Encapsulated Transformer For EE20*10,115VAC Input 50/60Hz Material Number: A222010XS130	Customer Name:
						Checked: Beson. zhan		Document/Rev: 1610058/01
01	增加产品空载损耗测试.	Beson	2023.05.19			Approved: Anson. zhan		Specification Sheet: 3 of 4
REV	DESCRIPTION	APPD	DATE			Date of Recognition: May./19/2023		

P/N: FAPE201024



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 proudct 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.

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01	增加产品空载损耗测试.	Beson	2023.05.19					
REV	DESCRIPTION	APPD	DATE					