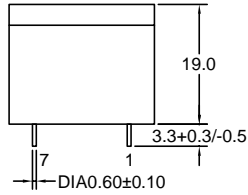


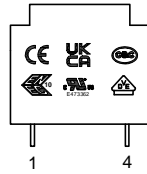
P/N: FAPE201023



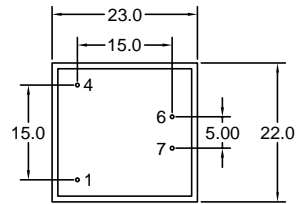
Outline Dimensions(Unit:mm)



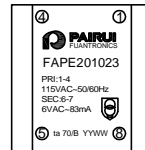
Front View



Side View



Bottom View

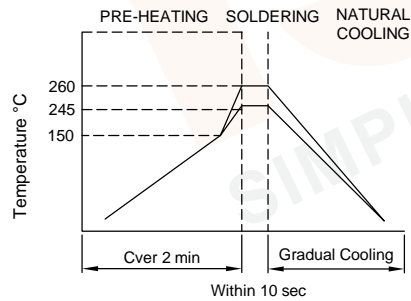


Top View

Note:

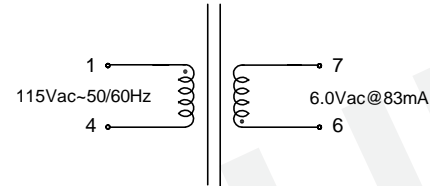
- 1.Remove Pins 2,3,5,8.

Wave Soldering



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

Electronical Schematic

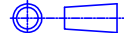


Electrical Characteristics

- Input 115Vac 60Hz to 1-4 :
- Excitation current(Ix):15mA Max.
- Output: Vo=8.9Vac±5%(No-load).
- VL=6.0Vac±5%(@83mA).
- 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.

				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	<b>DRAWING TITLE</b> 0.50W Encapsulated Transformer For EE20*10,115VAC Input 50/60Hz Material Number: A222010XS120	Customer Name: Document/Rev: 1610057/00 Specification Sheet: 1 of 4 Date of Recognition: May./20/2023
REV	DESCRIPTION	APPD	DATE					

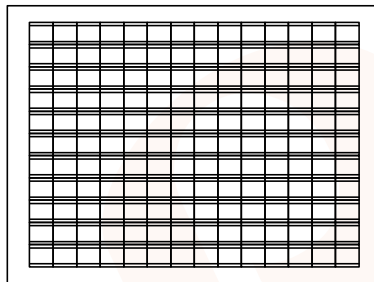
P/N: FAPE201023



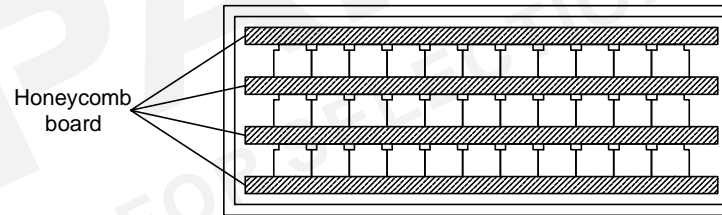
List of UL Certificate:

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/155/MW 79-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

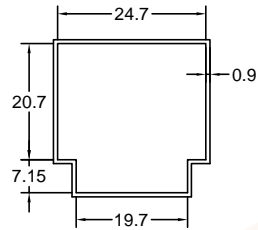
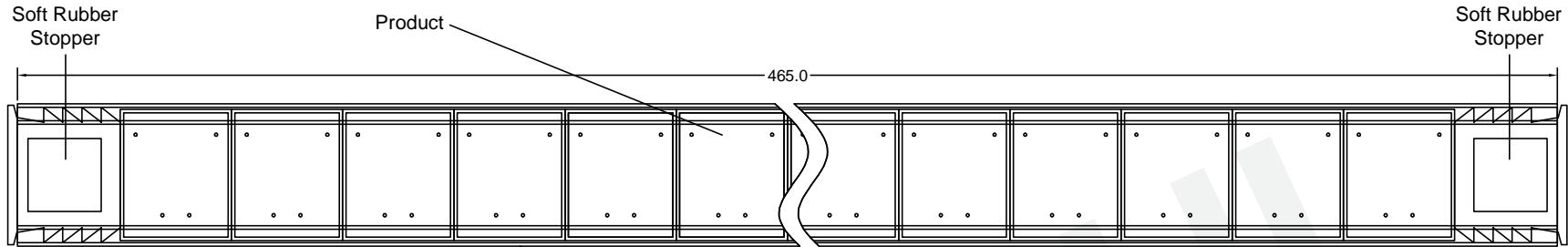
Layer/Carton	Quantity/ each layer (pcs)	Quantity/Carton (pcs)	Each product (g)	Each layer (kg)	Each box of products (kg)	box size Dimensions (mm)
3.0	154.0	462.0	35.00	5.39	17.10	385*285*110

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						Checked: Beson. zhan		Document/Rev: 1610057/00
REV	DESCRIPTION	APPD	DATE			Approved: Anson. zhan		Specification Sheet: 2 of 4 Date of Recognition: May./20/2023

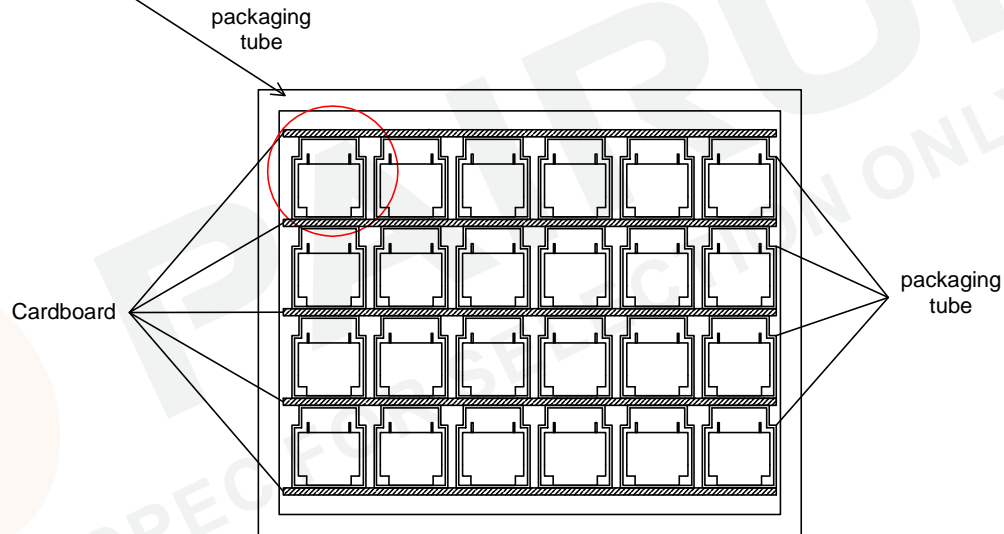
P/N: FAPE201023



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

REV	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

Make: Qiumei.Liu  
Checked: Beson. zhan  
Approved: Anson. zhan

**DRAWING TITLE**  
0.50W Encapsulated Transformer  
For EE20\*10,115VAC Input 50/60Hz  
Material Number: A222010XS120

Customer Name:  
Document/Rev: 1610057/00  
Specification Sheet: 3 of 4  
Date of Recognition: May./20/2023

P/N: FAPE201023



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.

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REV	DESCRIPTION	APPD	DATE					