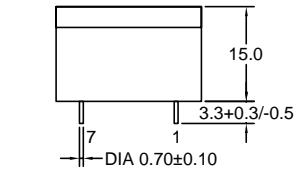


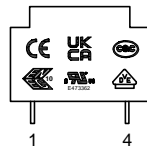
P/N: FAPE200602



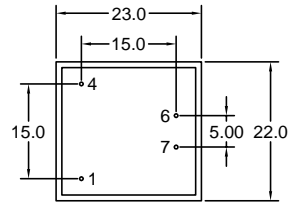
Outline Dimensions(Unit:mm)



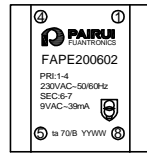
Front View



Side View



Bottom View

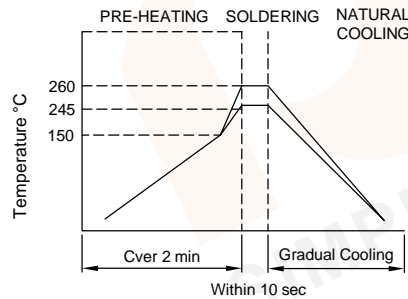


Top View

Note:

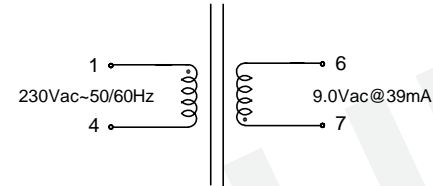
- 1.Remove Pins 2,3,5,8.

Wave Soldering



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

Electrical Schematic



Electrical Characteristics

- Input 230Vac 50Hz to 1-4 :
- Excitation current(Ix):15mA Max.
- No-load power consumption:1.50W Max.
- Output: Vo=12.9Vac±10%(No-load).
- VL=9.0Vac±10%(@39mA).
- D.C.Resistance:1-4=12728 ohms±15%.
- 6-7=68.42 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

- Temperature Rise Test/温升测试:(Ta=25°C Input 230V 50Hz)
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.
- Overvoltage/过压(Ta=25°C Input 300V 50Hz)AC300V 4H NO Damage.
在周围环境温度25°C,1-4脚施加300V运行4小时,变压器不损坏.
- 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.

07	增加空载损耗1.5W Max.	Beson	2023.05.18
06	产品宽度与高度公差变更为±0.5mm.	YuPeng	2023.04.24
05	产品长度尺寸由23±1mm变更为23±0.5mm.	YuPeng	2021.10.07
04	修改空载输出;增加直流电阻测试.	Beson	2020.08.31
03	修改外形尺寸;标签增加周期.	YuPeng	2020.06.15
02	针长修改为:3.3+0.3/-0.5mm.	Y.G.LIN	2019.07.26
01	漆包线由“F”级更改为“H”级.	Y.G.LIN	2019.07.10
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
0.35W Encapsulated Transformer
For EE20*6.1,230VAC Input 50/60Hz
Material Number: A22FAPE00200

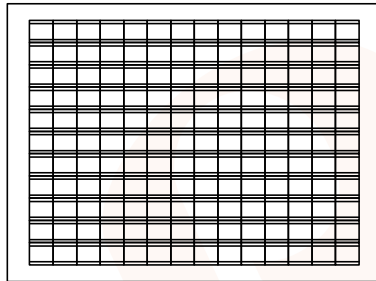
Customer Name:
Document/Rev: 1006030/07
Specification Sheet: 1 of 4
Date of Recognition: July./04/2023



List of UL Certificate:

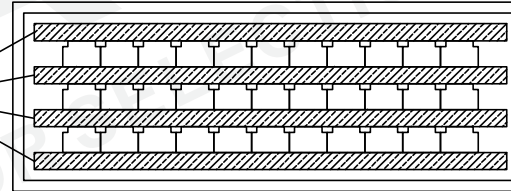
No.	Part Name	Mat'l Description	Supplier	UL Number
1	Bobbin	EE20*6.1/PBT(Black)	Chang Chun Plastics Co Ltd	E59481
2	Case	CASE-EE20*6.1/PBT(Orange)		
3	Copper wire	xUEW/180/MW 82-C	Shandong Saint Electric Co Ltd	E194410
4	Core	Lamination(Z11)	Ta Yea Steel Industry Co Ltd	N/A
5	Epoxy	PU552(Black)	Wevo-Chemle Gmbh	E108835
6				

Honeycomb board packaging:



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

Honeycomb board

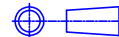


Carton Box Side View

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	24.00	3.80	11.60	385*285*100

REV	DESCRIPTION	APPD	DATE
07	增加空载损耗1.5W Max.	Beson	2023.05.18
06	产品宽度与高度公差变更为±0.5mm.	YuPeng	2023.04.24
05	产品长度尺寸由23±1mm变更为23±0.5mm.	YuPeng	2021.10.07
04	修改空载输出;增加直流电阻测试.	Beson	2020.08.31
03	修改外形尺寸;标签增加周期.	YuPeng	2020.06.15
02	针长修改为:3.3+0.3/-0.5mm.	Y.G.LIN	2019.07.26
01	漆包线由"F"级更改为"H"级.	Y.G.LIN	2019.07.10

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

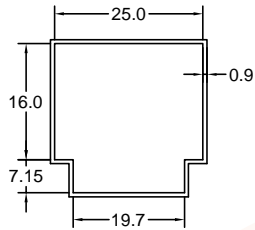
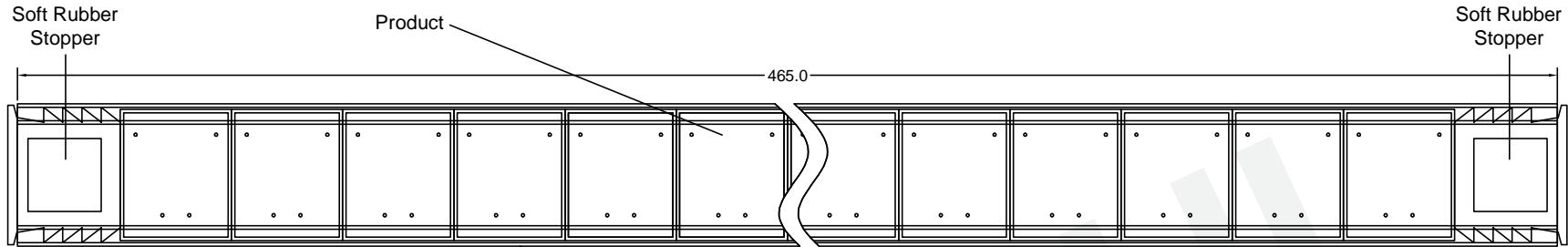
DRAWING TITLE
0.35W Encapsulated Transformer
For EE20*6.1,230VAC Input 50/60Hz
Material Number: A22FAPE00200

Customer Name:
Document/Rev: 1006030/07
Specification Sheet: 2 of 4
Date of Recognition: July./04/2023

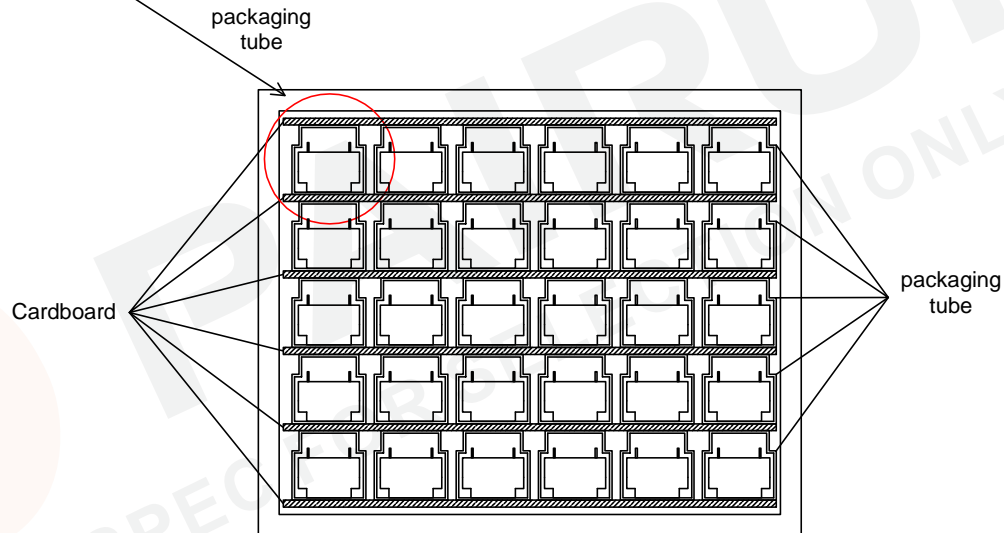
P/N: FAPE200602



Packing Method:



Size of packaging tube:
460mm*26.8mm*25.0mm
(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)
5.0	30.0	570.0	24.0	48.00	19.00	16.00	480*175*160

REV	DESCRIPTION	APPD	DATE
07	增加空载损耗1.5W Max.	Beson	2023.05.18
06	产品宽度与高度公差变更为±0.5mm.	YuPeng	2023.04.24
05	产品长度尺寸由23±1mm变更为23±0.5mm.	YuPeng	2021.10.07
04	修改空载输出;增加直流电阻测试.	Beson	2020.08.31
03	修改外形尺寸;标签增加周期.	YuPeng	2020.06.15
02	针长修改为:3.3+0.3/-0.5mm.	Y.G.LIN	2019.07.26
01	漆包线由"F"级更改为"H"级.	Y.G.LIN	2019.07.10

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
0.35W Encapsulated Transformer
For EE20*6.1,230VAC Input 50/60Hz
Material Number: A22FAPE00200

Customer Name:
Document/Rev: 1006030/07
Specification Sheet: 3 of 4
Date of Recognition: July./04/2023



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.

07	增加空载损耗1.5W Max.	Beson	2023.05.18
06	产品宽度与高度公差变更为±0.5mm.	YuPeng	2023.04.24
05	产品长度尺寸由23±1mm变更为23±0.5mm.	YuPeng	2021.10.07
04	修改空载输出;增加直流电阻测试.	Beson	2020.08.31
03	修改外形尺寸;标签增加周期.	YuPeng	2020.06.15
02	针长修改为:3.3+0.3/-0.5mm.	Y.G.LIN	2019.07.26
01	漆包线由"F"级更改为"H"级.	Y.G.LIN	2019.07.10
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
0.35W Encapsulated Transformer
For EE20*6.1,230VAC Input 50/60Hz
Material Number: A22FAPE00200

Customer Name:
Document/Rev: 1006030/07
Specification Sheet: 4 of 4
Date of Recognition: July./04/2023