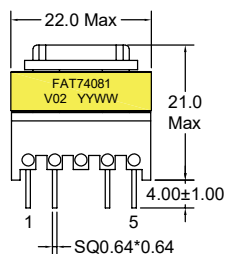


P/N: FAT74081

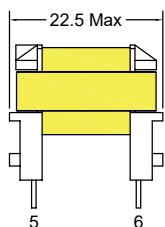


FUANTRONICS

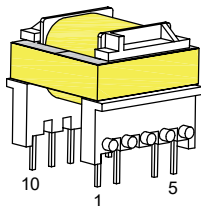
Outline Dimensions(Unit:mm)



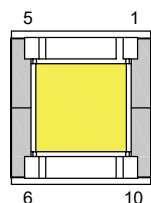
Orthographic view



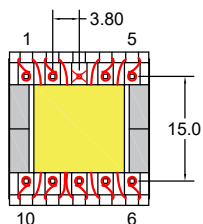
Side view



Stereogram



Top view

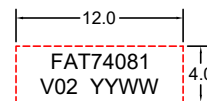


Bottom view

REMARK:

1. Fixed Core With 2Ts Tape;
(磁芯包胶带2Ts)
2. Remove pin 3;
(去除pin3)
3. Product vacuum impregnation.
(产品需真空含浸)

Label:

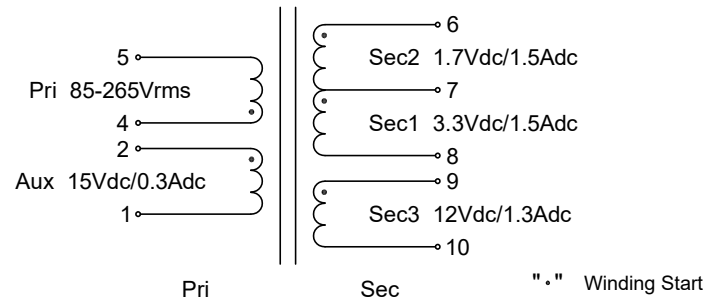


yy:year ww:cycle

Remark:

1. Use black words on transparent background or laser label;
(使用透明底黑字或激光标签)
2. Clear writing and legibility, not easy to erase;
(字迹清晰易读,不易擦除)
3. Border here means size range, not be printed;
(此处的边框表示尺寸范围,不能打印)
4. Font:Arial;Height:1.20mm.
(字体:Arial;高度:1.20mm)

Electronical Schematic:



Electrical Characteristics

Inductance : L4-5= 1.10mH ±10%,at 1KHz,0.30V.

D.C.Resistance : 2-1= 0.250 ohms Max.
4-5= 1.100 ohms Max.
6-7= 0.016 ohms Max.
7-8= 0.025 ohms Max.
9-10= 0.075 ohms Max.

Turns Ratio : Pri:Aux:Sec1:Sec2:Sec3=1:0.212:0.05:0.025:0.175±2%,at 20KHz,1V.

Hipot : Pri-Sec : 4000VAC/5mA/1second.

Coil-Coil : 1000VAC/5mA/1second.

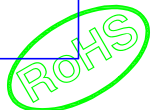
Coil-Core : 1000VAC/5mA/1second.

List of UL Certificate:

Part Name	Mat'l Description	Supplier	UL Number
Bobbin	EF-2016-2/T375HF	Chang Chun Plastics Co Ltd	E59481
Core	EF21/5.7 PC44	Anhui Hualin Magnetic Technology Go Ltd	N/A
Copper wire	xUEW/155/MW 79-C	JiangSu Dartong M & E Co Ltd	E237377
Triple insulated wire	TIW-B*/130	Shanghai SuRan Electronics Factory	E335392
Tape	JY25-A (b)/130C (Faint Yellow)	Jingjiang Jingyi Adhesive Product Co Ltd	E246950
Tube	CB-TT-L/200°C	Changyuan Electronics Group Co Ltd	E180908
Varnish	T-4260(a)/MW80-C	SuZhou TaiHu Electric Advanced Material Co Ltd	E228349

02	修改产品骨架.	Beson	2024.05.16	Tianchang Fuan Electronic Co Ltd www.fuantronics.net TEL: +86-550-7814888 FAX: +86-550-7831133		Make: Qiumei.Liu	DRAWING TITLE EF20 FLYBACK TRANSFORMER	Customer P/N:	
01	修改产品骨架.	Beson	2023.05.29			Tolerances unless otherwise specified: (.X)±0.50 (XX)±0.25 Unit of measurement: mm		Checked: Beson. zhan	Document/Rev: 2205011/02
REV	DESCRIPTION	APPD	DATE			Approved: Anson. zhan		Material Number:	Specification Sheet: 1 of 2

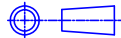
P/N: FAT74081



FUANTRONICS

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		Make: Qiumei.Liu	DRAWING TITLE	Customer P/N:
02	修改产品骨架.	Beson	2024.05.16	www.fuantronics.net	Tolerances unless otherwise specified: (.X)±0.50 (XX)±0.25 Unit of measurement: mm	Checked: Beson. zhan	EF20 FLYBACK TRANSFORMER	Document/Rev: 2205011/02
01	修改产品骨架.	Beson	2023.05.29	TEL: +86-550-7814888		Approved: Anson. zhan	Material Number:	Specification Sheet: 2 of 2
REV	DESCRIPTION	APPD	DATE	FAX: +86-550-7831133				Date of Recognition: May./16/2024