

PU series flat type isolation transformer



Model:PU4820B

Characteristics:

- 1.Vacuum epoxy resin encapsulated,100℃ /6 hours high temperature aging, long woking life 20 years and with high delectric strength.
- 2.High quality Z11 silicon steel sheet, low temperature rise, high efficiency.
- 3.PBT engineering plastic, environmental protection, flame retardant, 120 degrees no deformation.
4. Reasonable structure, convenient installation, low noise, strong seismic, sealed waterproof, moisture-proof.



Technical index:

- Mounting type: PCB
- Flame resistance : UL94-V0
- Insulation class: B
- Operation temperature: -30℃~+40℃
- Work frequency: 50Hz~60Hz
- Dielectric strength: Pri./Sec. 4KV 50Hz 1min 5mA,Sec/Sec 500V 50Hz 1min 5mA

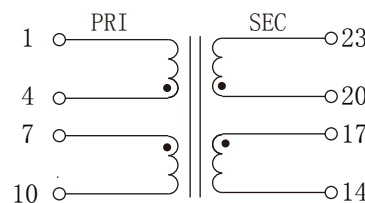
Electrical parameters:The following parameters are typical values. The actual values shall be subject to the actual measurement of the product

Primary voltage	Double 110	Double 115	Unit
Primary voltage range	±10		%
Power	40		VA
Voltage regulation	≤18		%
Temperature rising	≤25		℃
No-load loss	≤2		W
Weight	797		g

Standard output parameters table:
(Delivery is subject to full-load voltage)

Secondary voltage	Secondary no-load voltage	Secondary full-load current
6V×2	7.3V×2	3.33A×2
7.5V×2	8.6V×2	2.67A×2
9V×2	10.8V×2	2.22A×2
12V×2	14.3V×2	1.67A×2
15V×2	17.7V×2	1.33A×2
18V×2	21.7V×2	1.11A×2
24V×2	27.5V×2	0.83A×2

Schematic diagram:

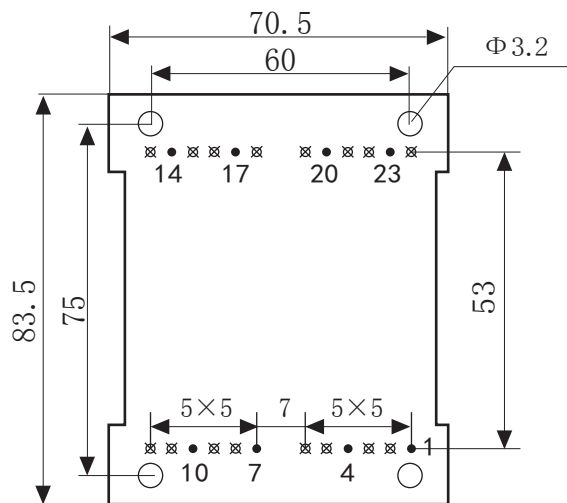


Input/output shorting method

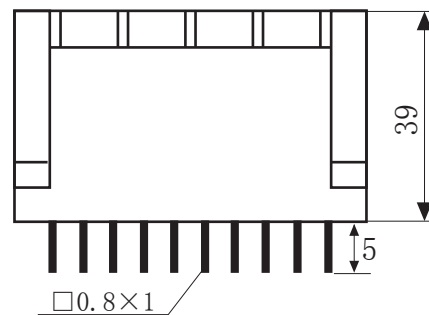
Series connection:
4-10 short circuit/1-7input
14-20 short circuit/17-23 output

Parallel connection:
1-10 short circuit. 4-7 short circuit
1-4 input or 7-10 input
14-23 short circuit.17-20 short circuit
14-17 output or 20-23 output

Dimension (in mm) :



Bottom view



Front view