

PTC1.6 PCB welding toroidal transformer

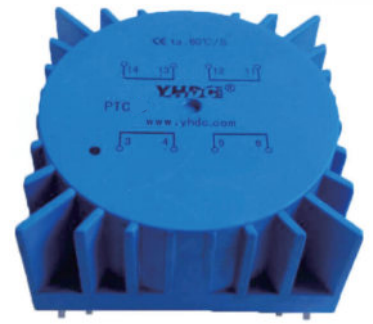


Characteristics:

Small leakage, low noise, high efficiency, low no-load current, PCB mounting, used for supper acoustics, medical equipment, military engineering, precision instrument, adopt high quality toroidal core.

Technical index:

- Mounting type:PCB
- Flame resistance:UL94-V0
- Insulation class:B grade
- Work temperature:-30°C~+60°C
- Frequency range:50Hz~60Hz
- Dielectric strength:PRI/SEC: 4KV 50Hz 1min 5mA
SEC/SEC 500V 50Hz 1min 5mA



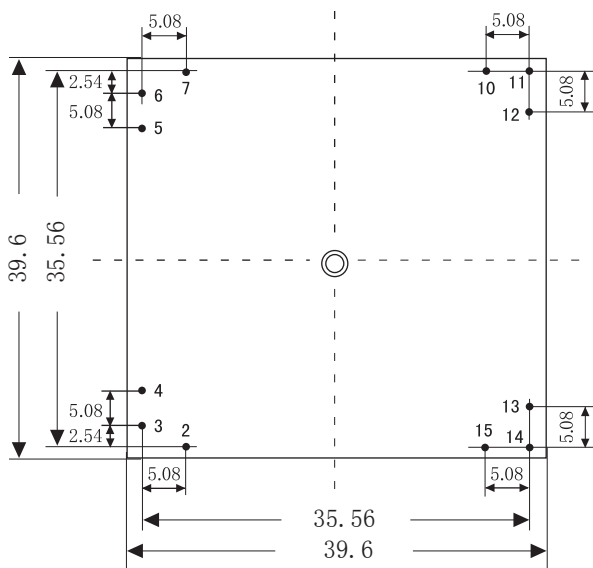
Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Primary voltage	Double110V	Double115V	Unit
Primary voltage range	± 10		%
Power	1.6		VA
Voltage regulation	≤ 34		%
Temperature rising	≤ 12		°C
No load loss	< 0.15		W
Weight	70		g

Standard output parameter table : (factory full-load voltage shall prevail)

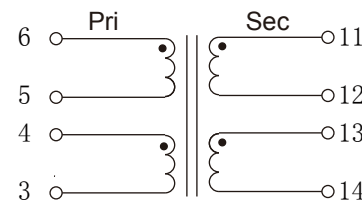
Secondary voltage	Secondary no-load voltage	Secondary full-load current
7V × 2	10.6V × 2	114mA × 2
9V × 2	13.6V × 2	89mA × 2
12V × 2	18.2V × 2	67mA × 2
15V × 2	22.6V × 2	53mA × 2
18V × 2	27.3V × 2	44mA × 2
22V × 2	33.3V × 2	36mA × 2

Dimension(mm±0.5):



Bottom view

Schematic diagram:



Input/output shorting method

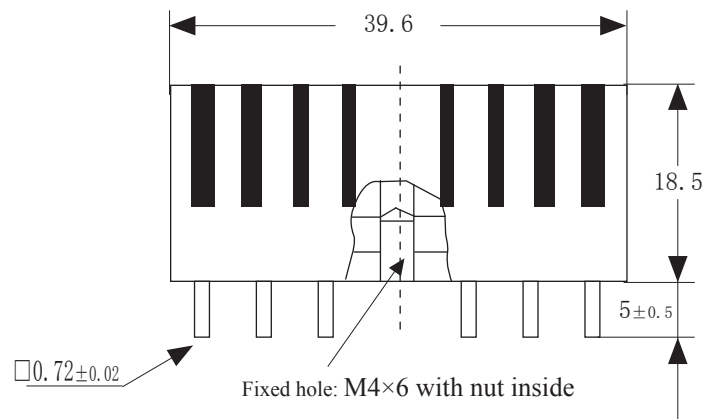
Series connection:

- 4-5 short circuit/3-6 input
- 12-13 short circuit/11-14 output

Parallel connection:

- 3-5 short circuit, 4-6 short circuit
- 3-4 input or 5-6 input
- 11-13 short circuit, 12-14 short circuit
- 11-12 output or 13-14 output

There is no needle in the other feet



Front view