

# PTC7 PCB welding toroidal transformer

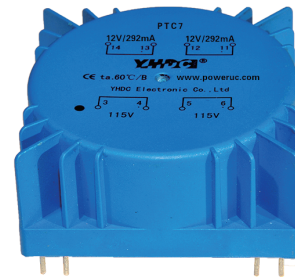


## Characteristics:

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
- Operation temperature:-30°C~+60°C
- Work frequency:50Hz~60Hz
- Dielectric strength:PRI/SEC: 4KV 50Hz 1min 5mA  
SEC/SEC 500V 50Hz 1min 5mA



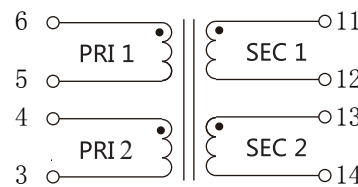
## Standard output parameter table : (factory full-load voltage shall prevail)

Secondary voltage	Secondary no-load voltage	Secondary full-load current
7V×2	9V×2	500mA×2
9V×2	11.5V×2	389mA×2
12V×2	15.6V×2	291mA×2
15V×2	19.2V×2	233mA×2
18V×2	23.6V×2	194mA×2
22V×2	28.3V×2	159mA×2

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

Primary voltage	110×2/115×2	V
Primary voltage range	±10	%
Power	7	VA
Voltage regulation	≤24	%
Temperature rising	≤25	°C
No-load loss	<0.2	W
Weight	175	g

## Schematic diagram:



## Input/output shorting method

### Series connection:

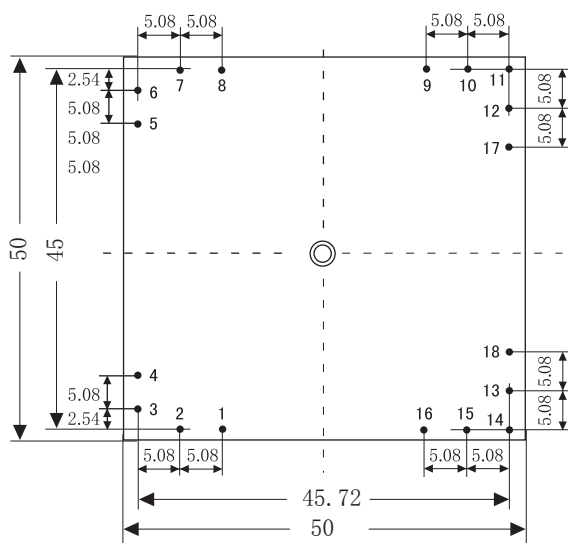
- 4-5 short circuit/3-6 input
- 12-13 short circuit/11-14 output

### Parallel connection:

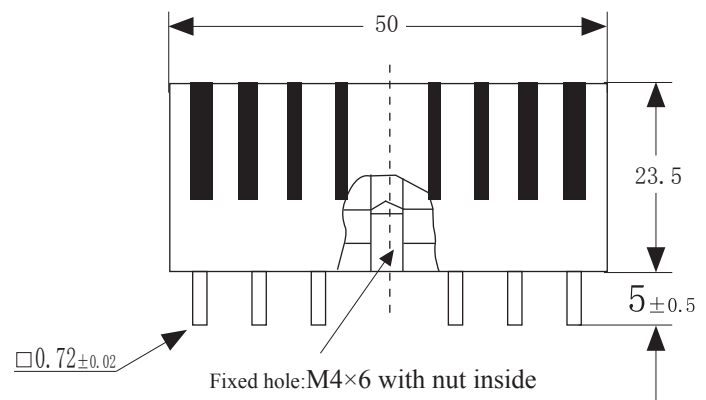
- 3-5 short circuit, 4-6 short circuit
- 3-4 input or 5-6 input
- 11-13 short circuit, 12-14 short circuit
- 11-12 output or 13-14 output

There is no needle in the other feet

## Dimension(mm±0.5):



Bottom view



Front view