

PTC7 PCB welded toroidal transformers



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

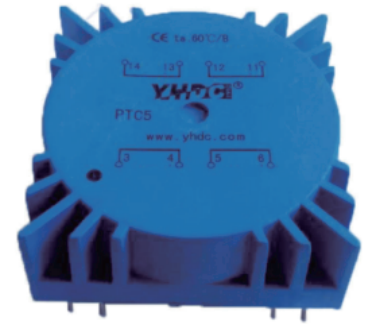
Flame resistance:UL94-V0

Insulation class:B grade

Operating temperature:-30°C ~ +60°C

Frequency range:50Hz~60Hz

Dielectric strength:PRI/SEC: 4KV 50Hz 1min 5mA
SEC/SEC 500V 50Hz 1min 5mA



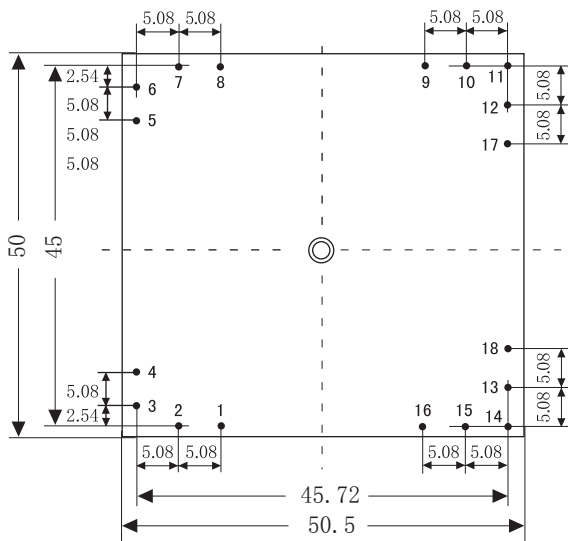
Standard output parameter table :
(factory full load voltage shall prevail)

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	291A × 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)

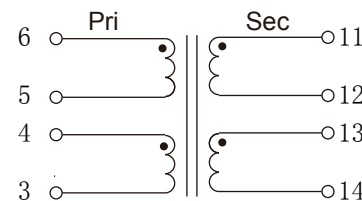
Primary voltage	Double110	Double115	Unit
Primary voltage range	± 10		%
Power	7		VA
Voltage regulation	≤ 25		%
Temperature rising	≤ 25		°C
No-load loss	< 0.2		W
Weight	175		g

Dimension(mm±0.5):



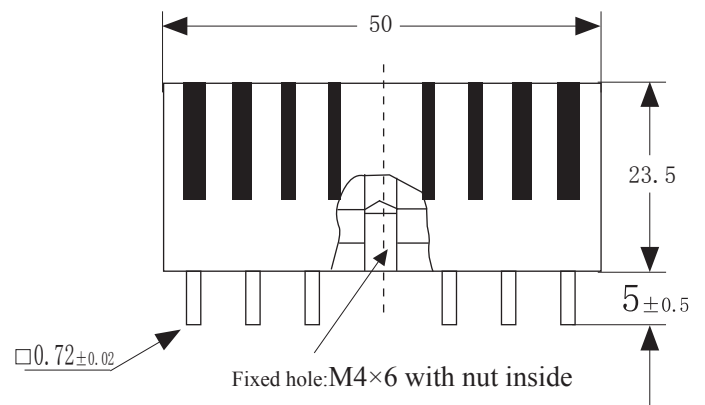
Bottom view

Schematic diagram: Input/output shorting method



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

Parallel connection:
3-5 short circuit. 4-6short circuit
3-4 input or 5-6 input
11-13 short circuit. 12-14 short circuit
11-12 output or 13-14 output



Front view