

PTC10 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.

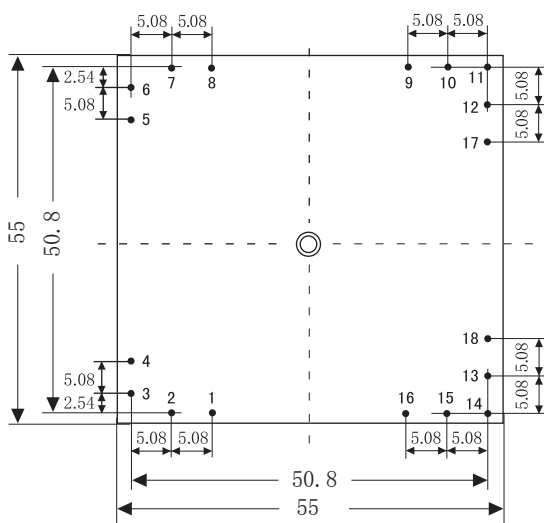
Technical index:

- 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

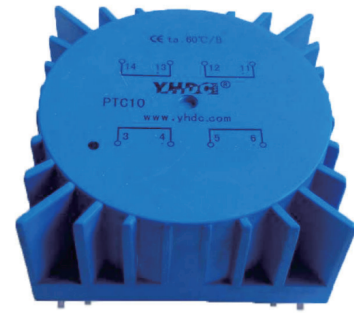
Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Primary voltage	110×2/115×2	V
Primary voltage range	±10	%
Power	10	VA
Voltage regulation	≤22	%
Temperature rising	≤25	°C
No-load loss	< 0.3	W
Weight	250	g

Dimension(mm±0.5):



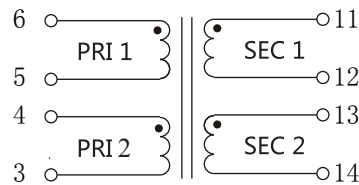
Bottom view



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

Secondary voltage	Secondary no-load voltage	Secondary full-load current
7V×2	8.5V×2	715mA×2
9V×2	10.8V×2	556mA×2
12V×2	14.4V×2	417mA×2
15V×2	18V×2	333mA×2
18V×2	21.7V×2	278mA×2
22V×2	26.3V×2	227mA×2

Schematic diagram:



Input/output shorting method

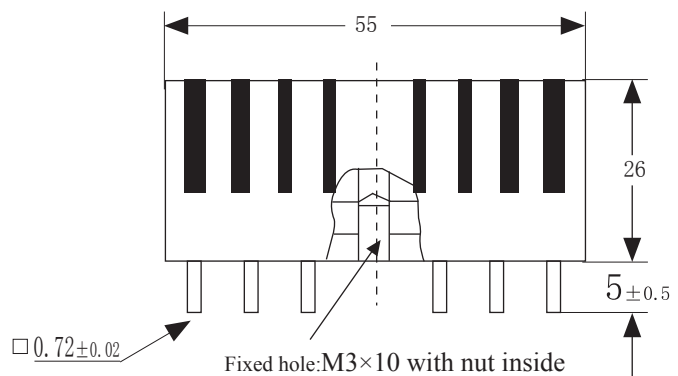
Series connection:

- 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