

PTC15P PCB welding toroidal transformer



Characteristics:

Internal triple shielding process, including electrostatic shielding, magnetic shielding, and electromagnetic shielding, features minimal leakage flux, low noise, high efficiency, and small no-load current, meeting the requirements of various high-EMC application scenarios. Suitable for high-end audio systems, medical equipment, military engineering, and precision instruments, it utilizes imported high-quality toroidal iron cores.

Technical index:

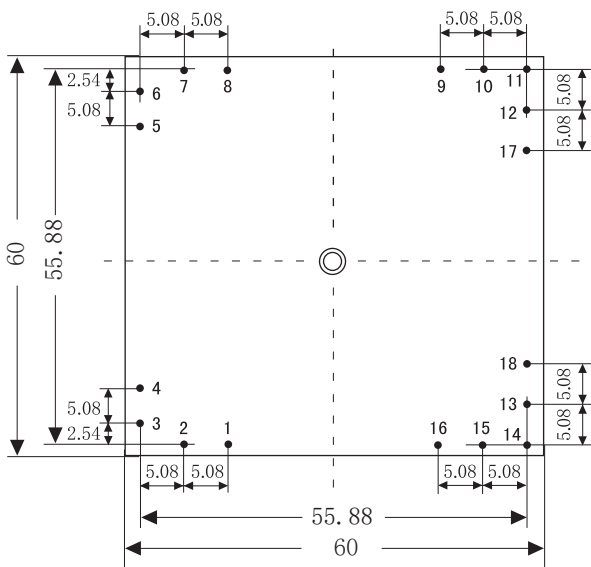
- Mounting type:PCB
- Flame resistance:UL94-V0
- Insulation class:B grade
- Operation temperature:-30℃~+60℃
- Work frequency:50Hz~60Hz
- Dielectric strength:PRI/SEC: 4KV 50Hz 1min 5mA
SEC/SEC 500V 50Hz 1min 5mA

Electrical parameters:

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

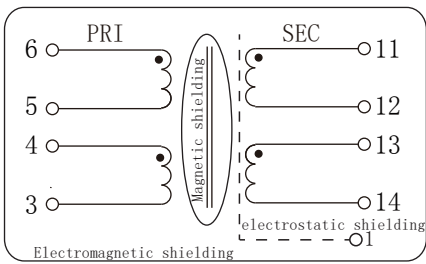
Primary voltage	110×2/115×2	V
Primary voltage range	±10	%
Power	15	VA
Voltage regulation	≤20	%
Temperature rising	≤28	℃
No-load loss	< 0.3	W
Weight	300	g

Dimension(mm±0.5):



Bottom view

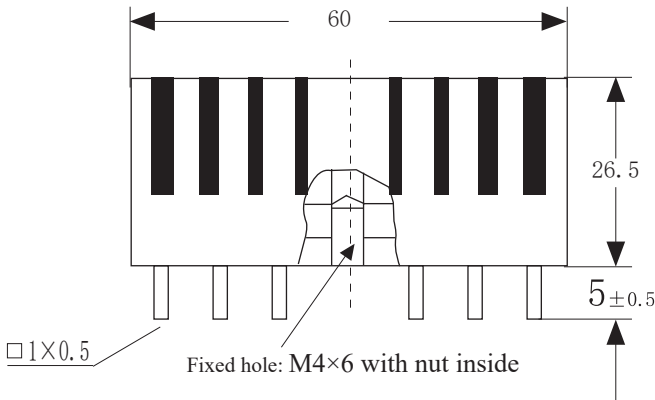
Schematic diagram:



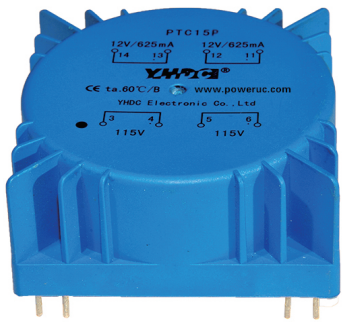
There is no needle in the other feet

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



Front view



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

Secondary voltage	Secondary no-load voltage	Secondary full-load current
7V×2	8.9V×2	1.07A×2
9V×2	11.1V×2	833mA×2
12V×2	14.8V×2	625mA×2
15V×2	18.5V×2	500mA×2
18V×2	22.2V×2	417mA×2
22V×2	27.2V×2	341mA×2