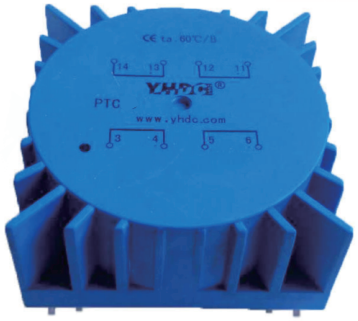
PTC1.6 PCB welding toroidal transformers

Characteristics:

Small magnetic flux leakage, low noise, high efficiency, low no-load current, circuit board welding, suitable for advanced audio, medical equipment, military engineering,



Technical index:

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

SEC/SEC 500V 50Hz 1min 5mA

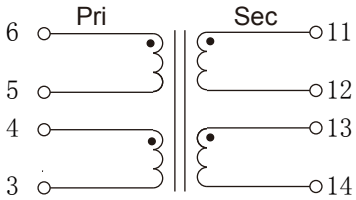
Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Primary voltage	Double110	Double115	Unit
Primary voltage range	±10		%
Power	1.6		VA
Voltage regulation	≤34		%
Temperature rising	≤12		℃
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	8.9mA×2
9V×2	13.6V×2	11.6mA×2
12V×2	18.2V×2	15.4mA×2
15V×2	22.6V×2	19.3mA×2
18V×2	27.3V×2	23.4mA×2
22V×2	33.3V×2	28.2mA×2

Schematic diagram:



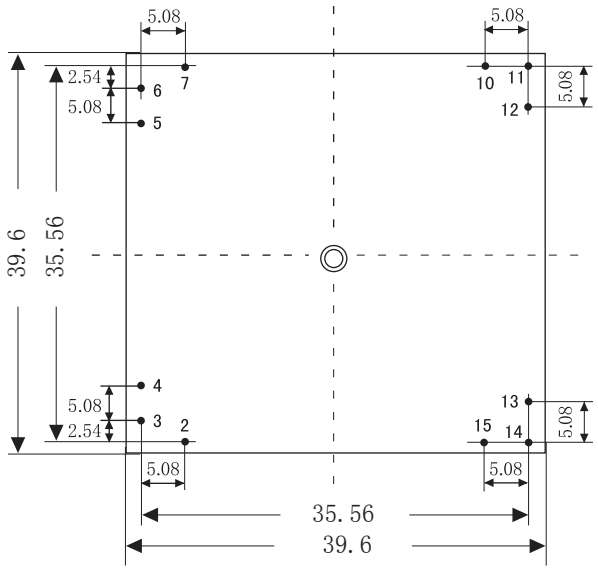
There is no needle in the other feet

Input/output shorting method

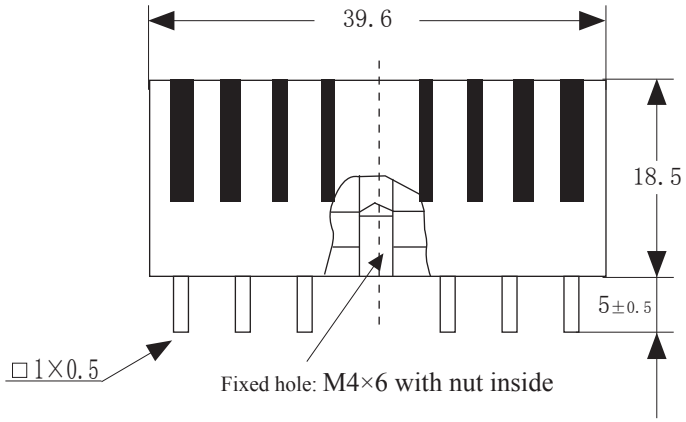
Series connection:
4-5 short circuit/3-6input
12-13 short circuit/11-14 output

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

Dimension(mm±0.5):



Bottom view



Front view