

PTC20 PCB welded 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

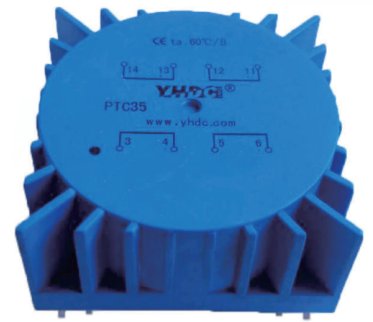
Flame resistance:UL94-V0

Insulation class:B grade

Work temperature:-30°C~+40°C

Frequency range:50Hz~60Hz

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



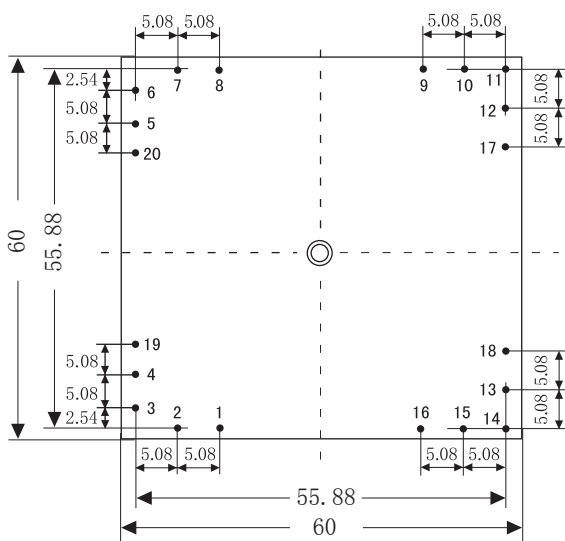
Standard output parameter table :
(factory full-load voltage shall prevail)

| Secondary voltage | Secondary no-load voltage | Secondary full-load current |
|-------------------|---------------------------|-----------------------------|
| 7V×2 | 8.4V×2 | 1.43A×2 |
| 9V×2 | 10.7V×2 | 1.11A×2 |
| 12V×2 | 14.3V×2 | 833mA×2 |
| 15V×2 | 17.8V×2 | 667mA×2 |
| 18V×2 | 21.4V×2 | 556mA×2 |
| 22V×2 | 26.2V×2 | 455mA×2 |

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

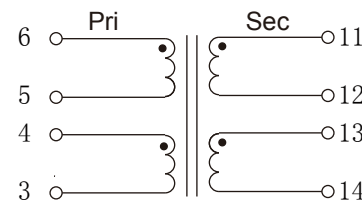
| Primary voltage | Double110 | Double115 | Unit |
|-----------------------|-----------|-----------|------|
| Primary voltage range | ±10 | | % |
| Power | 20 | | VA |
| Voltage regulation | ≤16 | | % |
| Temperature rising | ≤32 | | °C |
| No load loss | <0.5 | | W |
| Weight | 350 | | g |

Dimension(mm±0.5):



Bottom view

Schematic diagram:



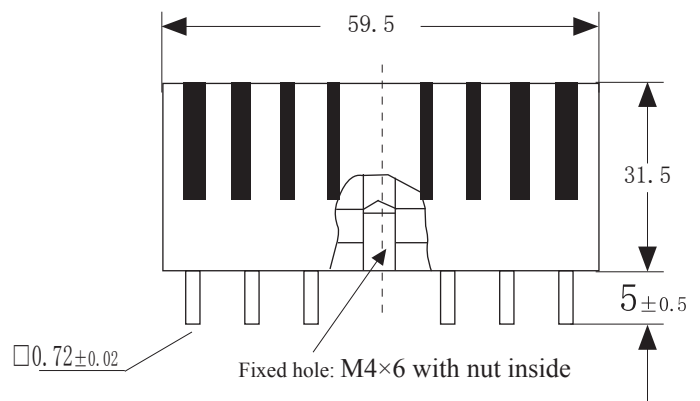
Input/output shorting method

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