

Miniature Voltage Transformers

PT(PCB) Series

The series of PCB Mounted Miniature Voltage transformers are designed specifically for integration into products which require exceptionally accurate primary signal transfor-mation while exposed to harsh environmental operating con-ditions.

It can save time and the installation costs.

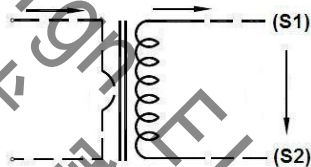
◆ Features

- Small size,PCB Mounted
- Wide range of sizes to accommodate all the existing installations

◆ Applications

- Current measurement, monitoring and protection for electrical wiring and equipment.
- Instrumentation,Current and power measurement for electric motors, lighting, air compressor,heating and ventilation system, air-condition equipment and automation – control system.
- Current, power and energy monitoring device.
- Relay protection device.

◆ Circuit connection diagram



◆ Technique Index

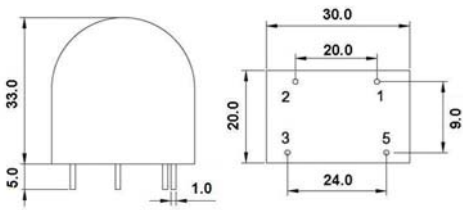
Electrical Parameter	
Frequency	50-400Hz
Rated Input	0-630V
Measuring range	5%In-120%In
Rated Output	0-10V
Ratio	± 0.1%
Phase angle	± 10 分
Dielectric strength	3KV/1mA/1min
Insulation Resistance	DC500V/100MΩ min

Mechanical Parameter	
Case	PBT /UL94-V0
Bobbin	PBT
Core	Silicon or Nanocrystalline
Internal structure	Epoxy
Construction	PCB
Operating Temp	-25℃ ~ +75℃
Operating Humidity	≤85%
Output Connection	Stitch or Leads

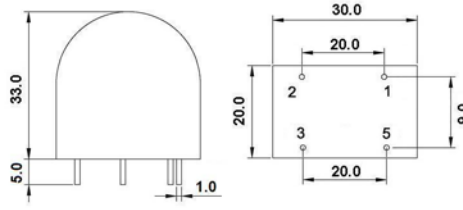
◆ Type Selection

Mfg P/N	Input	Output	Accuracy	Power consumption
PT5211A	57.7V、100V、120V...150V	0-7.07V	0.1、0.2	≤0.5VA
PT5211B	57.7V、100V、120V...150V	0-7.07V	0.1、0.2	≤0.5VA
PT5211C	57.7V、100V、120V...150V	0-7.07V	0.1、0.2	≤0.5VA
PT5321	57.7V、100V、120V...150V	0-7.07V	0.1、0.2	≤0.5VA
PT5421A	57.7V、100V、120V...150V	0-7.07V	0.1、0.2	≤0.5VA
PT5421B	57.7V、100V、120V...150V	0-7.07V	0.1、0.2	≤0.5VA
PT5461	57.7V、100V、120V...220V	0-7.07V	0.1、0.2	≤0.5VA
PT5511A	57.7V、100V、120V...150V	0-7.07V	0.1、0.2	≤0.5VA
PT5511B	57.7V、100V、120V...630V	0-7.07V	0.1、0.2	≤0.5VA
PT5521	57.7V、100V、120V...630V	0-7.07V	0.1、0.2	≤0.5VA

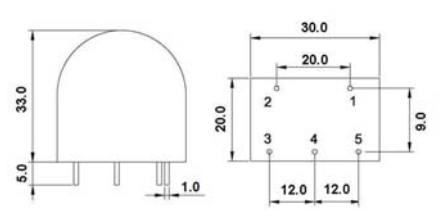
PT(PCB) Series



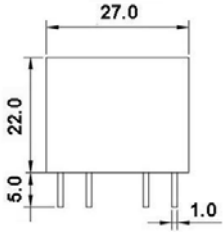
PT5211A



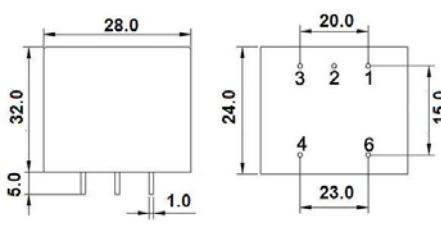
PT5211B



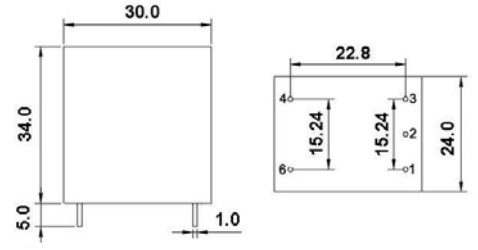
PT5211C



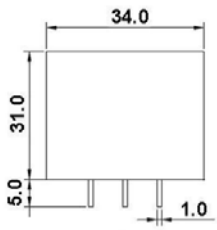
PT5321



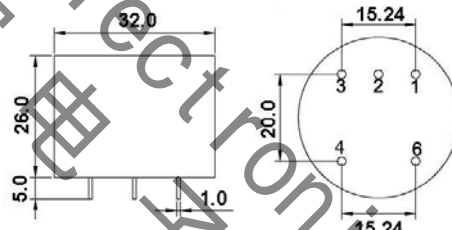
PT5421A



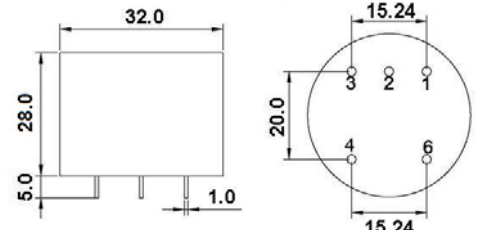
PT5421B



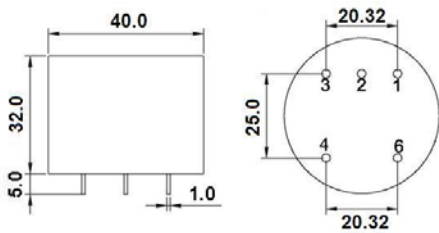
PT5461



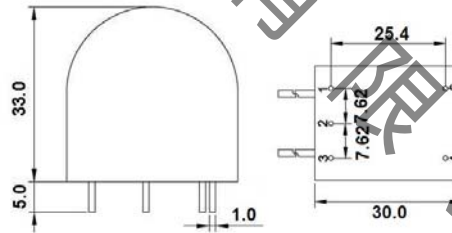
PT5511A



PT5511B



PT5521



PT5211D