



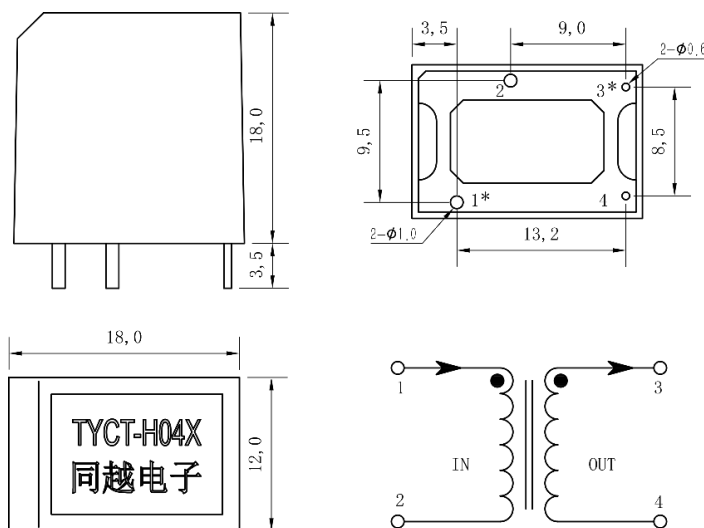
TYCT-H04X



Product features

- Good mechanical and environmental resistance.
- Small size, beautiful appearance and high precision;
- Fully enclosed potting, strong voltage isolation ability;
- The bus is built-in, and the printed circuit board is directly welded and installed;

Overall dimension



Electrical characteristics

- Maximum voltage of equipment: 0.72kV
- Working frequency: 50Hz~60Hz
- Working temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Relative humidity: $\leq 90\%$ at 40°C
- Atmospheric pressure: 860~1060mbar (650~800mmHg)
- Power frequency withstand voltage: 4000V/1mA/1min(50Hz)
- Insulation resistance: DC500V/1000m Ω /min
- Insulation Class: Class F (155°C)
- Flame retardancy: Conform to ul94-v0 level

Technical parameter

Resistance method (as shown in Figure 1)

Product model	Rated primary current	Product model current	Load resistance	Linear range	Nonlinearity(5%~120%)	
					ratio error (%)	angle error (')
TYCT-H04X	5A	2.5mA	100 Ω	≥ 2 times rated	≤ 0.2	≤ 20

IC method (as shown in Figure 2)

Product model	Rated primary current	Product model current	Load resistance	Linear range	Nonlinearity(5%~120%)	
					ratio error (%)	angle error (')
TYCT-H04X	5A	2.5mA	$\leq 1/2$ times IC power supply voltage	≥ 2 times rated	≤ 0.1	≤ 10

