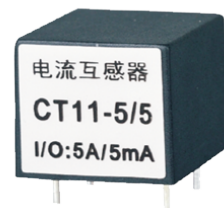


## I.Features

PBT case-resistance to high temperature and corrosion.  
Epoxy risen-perfect isolation and resistance to strong impact.  
Small in size and easy to installation.  
Good linearity.

## II.Naming Rules

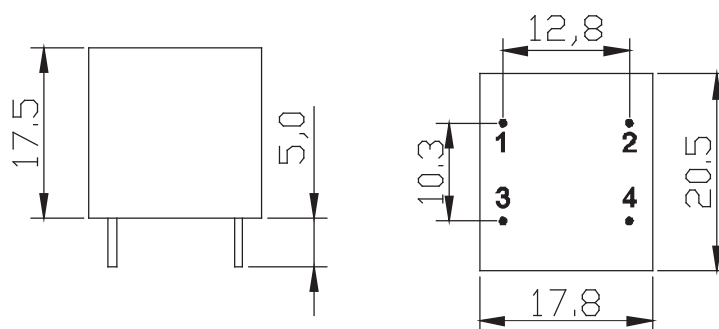
MCT: Hefei Mycoil Technology Co.,Ltd  
01: Type series  
01/02/03/04/06/07: Precision Current Transformer  
05 : Lamination core with bobbin type Current Transformer  
A05: Rated input current 5A  
V: Vertical type; H: Horizontal



## III.Specification

MCT PN	Rated IN/OUT	Accuracy	Linearity Range	Phase shift	Load resistance	Isolated withstand voltage	Threading aperture, Unit:mm
MCT11A05	5A/5mA	0.5	0~10A	$\leq 15'$	$\leq 50 \Omega$	3000V	

## IV.Dimension: mm



## V.Notification

Operating temperature:  $-40^{\circ}\text{C} \sim 50^{\circ}\text{C}$

Storage temperature:  $-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$

Relative humidity: 10~95%

Power supply is needed when the operational amplifier is added to the transformer, e.g.  $\pm 15\text{V}$ ,  $\pm 12\text{V}$  or according to the actual operation.

OP07 series of operational amplifier is recommended.

The fixed temperature coefficient of resistance in the circuit must be over 50PPM.

Welcome customized type requirements.

## VI.Recommended Circuit

