



DATA SHEET

Ultra-micro Current Transformer

PN: CMCT350B(class B)

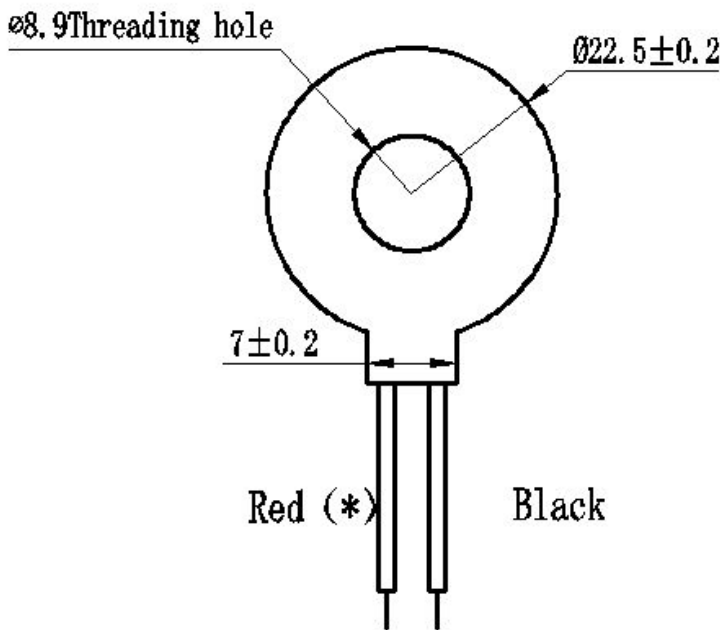
IPN=5A

Feature & Applications

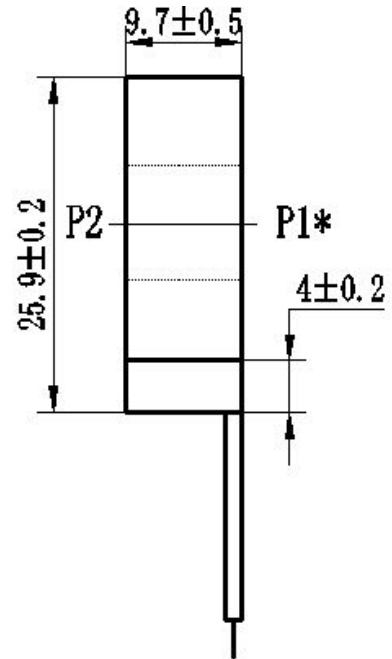
- Small size
- High accuracy
- Good consistency.
- Used for current measurement



Structural Parameter :



Front View



Left View

The Main Technical Parameters :

Model	CMCT350B(class B)
Rated input current	5A
Rated output current	5mA
Turns ratio	1000:1
Phase angle error	≤30' (Input 10A, sampling resistor 100Ω)
Linear range	0~10A(sampling resistor 100Ω)
Linearity	0.5%(20%dot~120%dot)



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Permissible error	-0.5%≤ f ≤+0.5% (Input 10A, sampling resistor 100Ω)
Isolation voltage	3000V
Application	Measurement
Encapsulation	Epoxy
Installation	Output leads installation
Operating temperature	-40°C~+85°C

Direction For Use:

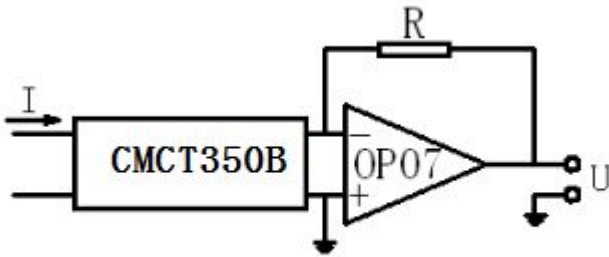
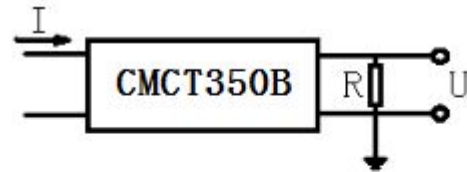


Figure I



$$U = \frac{I}{1000} \cdot R$$

I: input current
R: sampling resistor
U: sampling voltage

Figure II

1. CMCT350B(class B) used for the measurement, the typical usage is shown in Figure I and Figure II.
2. R is a sampling resistor.

