



DATA SHEET

Ultra-micro Current Transformer

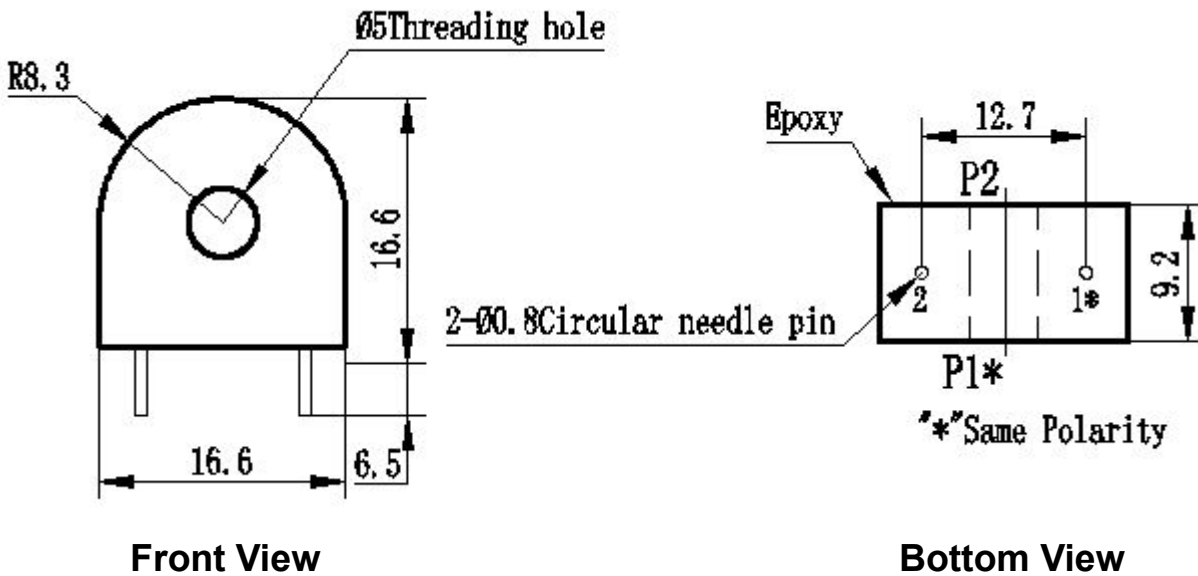
PN: CEMCT132	IPN=5A
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Feature & Applications

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



Structural Parameter :



The Main Technical Parameters :

Model	CEMCT132
Rated input current	5A
Rated output current	5mA
Turns ratio	1000:1
Phase angle error	$\leq 15'$ (Input 5A, sampling resistor 50 Ω)
Linear range	0~15A (50 Ω)
Linearity	$\leq 0.2\%$ (5%dot~120%dot)
Permissible error	$-0.2\% \leq f \leq +0.2\%$ (Input 5A, sampling resistor 50 Ω)
Isolation voltage	4500V



Application	Precise measurement of current and power
Encapsulation	Epoxy
Installation	PCB mounting
Operating temperature	-40°C~+85°C

Direction For Use:

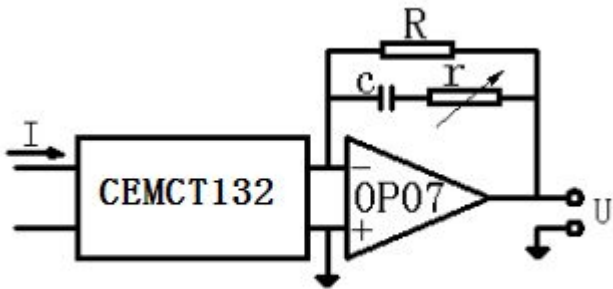
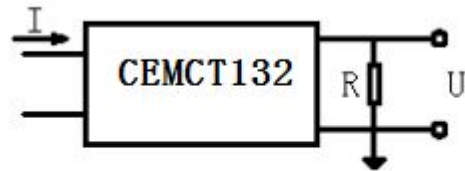


Figure I



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

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

Figure II

1. The typical usage of the product is for the active output (Figure I). R is a sampling resistor, C and R are used for phase compensation.
2. The product can be directly through the resistance sampling, easy to use (Figure II).
3. The instructions are for reference only, specific parameter is subject to specifications (acknowledgment).

