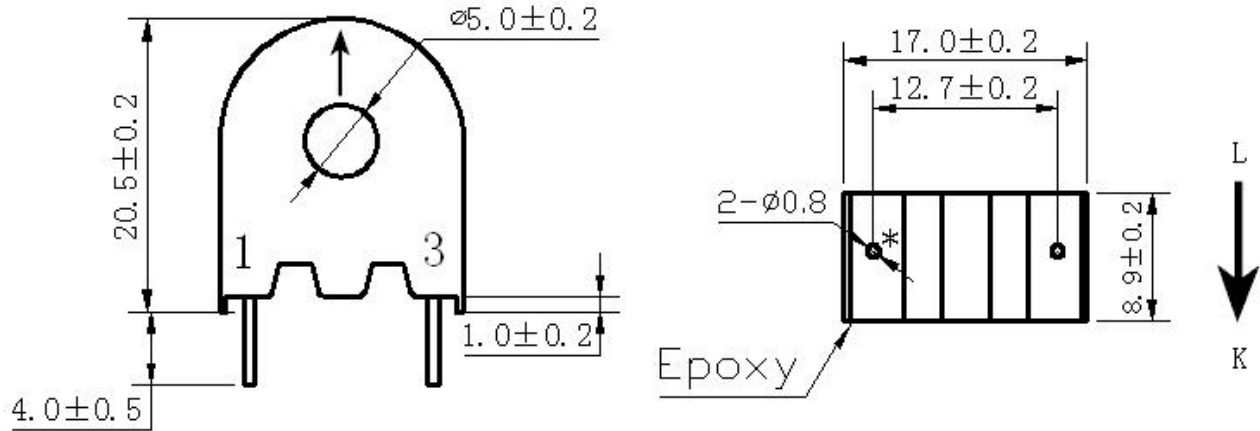


# ZMCT206-1500A Current Transformer

Small size,high accuracy,good consistency,for current and power measurement

## Structural parameter:

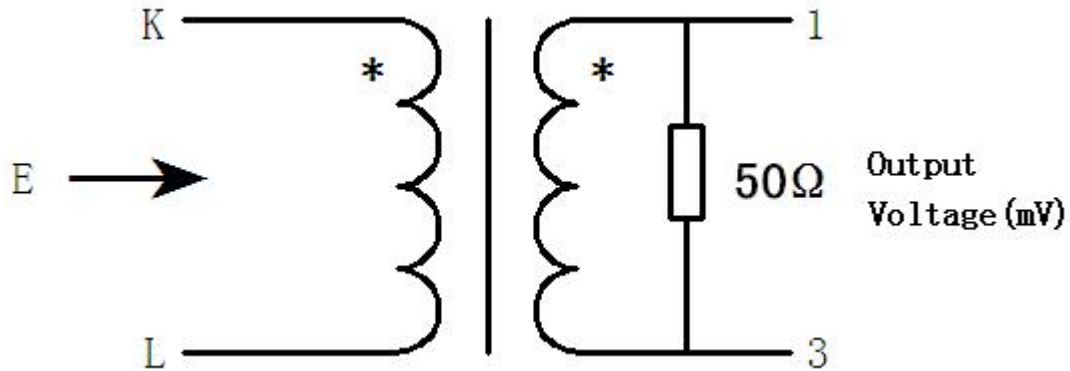


Front view

Bottom view

## The main technical parameters:

Model	ZMCT206-1500A
input current	0-10A (50Ω) /0-20A (30Ω)
Output current	4mA at 6A
turns ratio	1500:1
phase angle error	≤35' (input 6A, sampling resistor 50Ω)
linearity	0.5% (5%~120% of 6A)
Permissible error	-0.5%≤f≤+0.5% (input 6A, sampling resistor 50Ω)
application	current and power measurement
isolation voltage	4000V, 50HZ, 60S
Encapsulation	Epoxy
installation	PCB mounting (Pin length>3mm)
operating temperature	-40℃~+85℃
Storage temperature	-40℃~+125℃
Working frequency	50/60HZ
Approx. weight	5.69g

**CIRCUIT SCHEMATIC:****APPLICATIONS:**

Applications include detection of branch circuit overload drop or shutdown

**MATERIAL LIST:**

NO.	Material	Spec, model	UL code	SGS
1	Epoxy coated Nanocrystalline core	1K107, Ø9.5×13×5	---	yes
2	Enameled wire (Winding wire)	2UEW Ø0.08, 1500T	E258243	yes
3	Tape	Flame retardant, Environmental protection, V0 105 degrees, (Plaster)Yellow Glue	E165111	yes
4	Fills and seals material	TXH-9201-10 epoxy resin insulating compound	E196959	yes
5	Outer covering	SF-267 Environmental protection	E238981	yes
6	Cited Needle	Ø0.8×9×3.5	---	yes
7	Solder	YTB101	---	yes