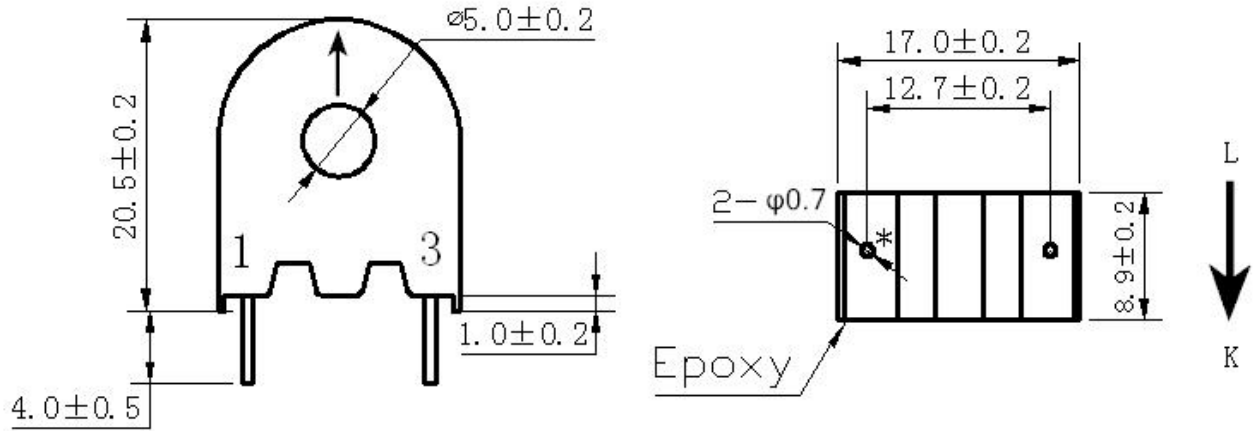
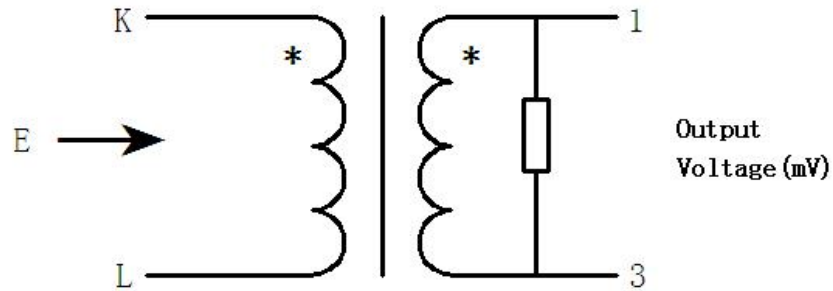


ZMCT206-3000 Current Transformer

OUTLINE DIMENSIONS (UNIT: mm):



CIRCUIT SCHEMATIC:



PRODUCT PHOTO:



ELECTRICAL CHARACTERSEIC:

NO.	ITEM	MEASURED POINT	TECHHICAL DATA	REMARK
1	RATED PRIMARY CURRENT		10A	
2	RATED SECONDARY CURRENT		3.33mA	
3	LINEARITY RANGE		0 TO 1.2 TIMES RATED OUTPUT CURRENT	
4	SECONDARY TURNS		3000:1	3000TS±6TS
5	OUTPUT VOLTAGE	1-2	50mV±10%	AT15A RL=10Ω
6	INDUCTANCE	1-2	85H MIN	AT 100HZ 0.1V
7	DC RESISTANCE	1-2	350ΩMAX	AT25℃
8	FREQUECNCY		1--100KHZ	
9	WHITSTAND VOLTAGE	P-S	2500VAC 1mA 60S	
10	INSULATION RESISTANCE		500VDC >100MΩ	
11	ACCURACY		0.20%	
12	OPERATING TEMPERATURE		-20 Deg to + 70 Deg.	
13	STORAGE TEMPERATURE		-40 Deg to + 85 Deg.	

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 Ø0.07, 3000T	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	Ø0.7	—	yes
7	Solder	YTB101	—	yes

APPLICATIONS:

Applications include detection of branch circuit overload drop or shutdown.