

# Approval Sheets

<b>Approved by</b>

**Item: 60A Current Transformer**

**Model No.: ZMCT194**

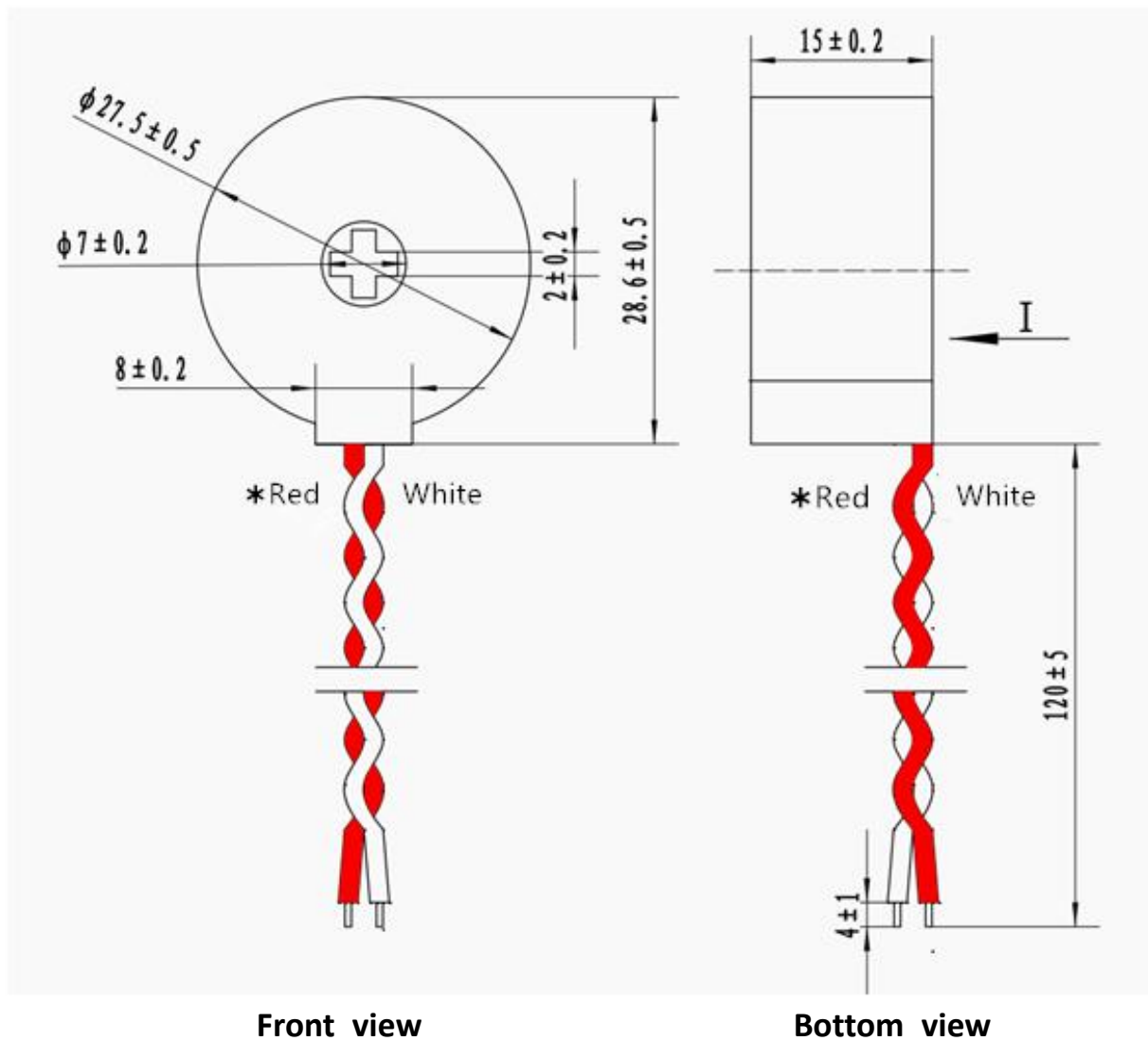
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		<b><u>Signed</u></b>

## 1. Specification

Characteristics	Values
Operating frequency	50 Hz ~ 400 Hz
Operating temperature	-40°C ~ 85°C
Relative humidity	≤95%
Rated primary current $I_p$	5A
Maximum primary operating current $I_{max}$	60A
Rated second current	2.5mA
Transformation ratio	1:2000
User supplied burden resistor	10Ω
Power frequency withstand voltage	4Kv/1min
Insulation resistance	>500MΩ/500Vdc
Encapsulant	Epoxy
Accuracy class	0.1class

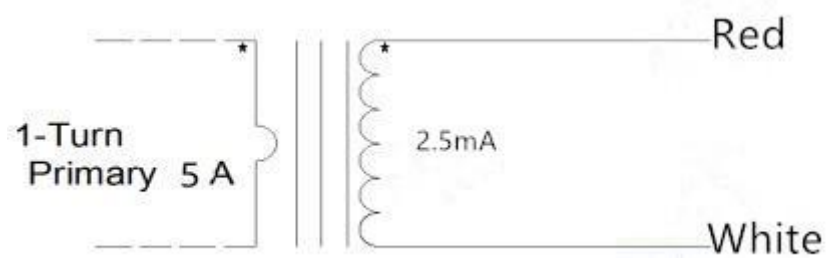
Accuracy class	With the percentage(%)of $I_p$			
	5	20	100	$I_{max}$
Ratio Error (±%)	0.1	0.1	0.1	0.1
Phase Displacement (±′)	10	8	8	5

## 2. Dimension (Unit: mm)



\*: SAME POLARITY

## 3. Electrical schematic:



**4.Material List:**

No.	Material	Spec. model	UL code	Manufacturer
1	Core	Nano-crystalline core	/	ZEMING
2	Core shell	PBT	E238981	QINGDAO QINKE ENGINEERING PLASTICS
3	Winding	2000T	E258243	ELEKTRISOLA HANGZHOU CO LTD
4	Outside shell	Black	E238981	QINGDAO QINKE ENGINEERING PLASTICS
5	Epoxy resin	TXH-9201-10 epoxy resin insulating compound	E196959	TIANJIN XINQIAO INSULATING MATERIAL CO LTD
6	Leading wire	UL1007, 26AWG, Red&White	E315651	ZHEJIANG CHENGBAO WIRE & CABLE CO LTD
7	Tape	Flame retardant, Environmental protection	E165111	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD