



**SPECIFICATION FOR APPROVAL**

DESCRIPTION : Current transformer  
 SPECIFICATION : AX-0500CT-3  
 PART NO. : FWCST05A/001-3M  
 ISSUE DATE : 08 September 2020

<b>MANUFACTURER APPROVAL</b>		
<b>PREPARED</b>	<b>CHECKED</b>	<b>APPROVED</b>
工程部 夏晓凯 2020.09.08	工程部 潘玉财 2020.09.08	工程部 王永生 2020.09.08

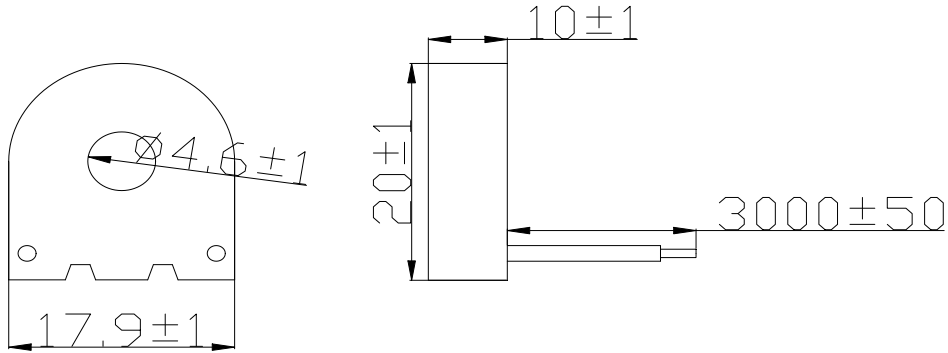
<b>CUSTOMER APPROVAL</b>		
<b>RECEIPT</b>	<b>CHECKED</b>	<b>APPROVED</b>

<b>Haining Ferriwo Electronics Co., Ltd.</b>	
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# SPECIFICATION

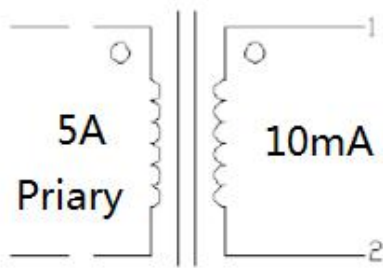
## 1. PHYSICAL DIMENSION(UNIT: m/m):



**LEAD FREE**

DIM	A	B	C	D	E	F	G	H				
	SPEC											
						DESCRIPTION		CURRENT TRANSFORMER				
						Customer P/N		AX-0500CT-3				
						FERRIWO P/N		FWCST05A/001-3M				
SPEC. NO.	PS-2020-065				PREPARED	夏晓凯 2020.09.08		APPROVED	王永生 2020.09.08			

## 2. SCHEMATIC DIAGRAM:



## 3. Specification of current transformer and technical parameters:

Speciality	Parameter	Speciality	Parameter
Primary current	5A	Accuracy class	0.2
Maximum current	5A	Working frequency	50Hz/60Hz
Secondary current	10mA	Secondary resistance	10Ω
Inner resistance	≤60Ω		

**LEAD FREE**

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夏晓凯  
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## 4. Transfer Ratio, phase shift limits of the CT

Current error and phase error limits	Accuracy Class	Current error± (%)	Phase error			
		≥0.05I <sub>p</sub>	0.25A	5A		
	0.2	-0.11±0.07	10±3	10±2.5		

## 5. Dielectric Strength (Leakage Current: ≤ 1mA)

Between primary winding and secondary winding: 4.0KV/min.

## 6. Insulation Resistance

Between primary winding and secondary winding: 600MΩ/500Vdc.

**LEAD FREE**



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