



THE DATASHEET OF AHI01024



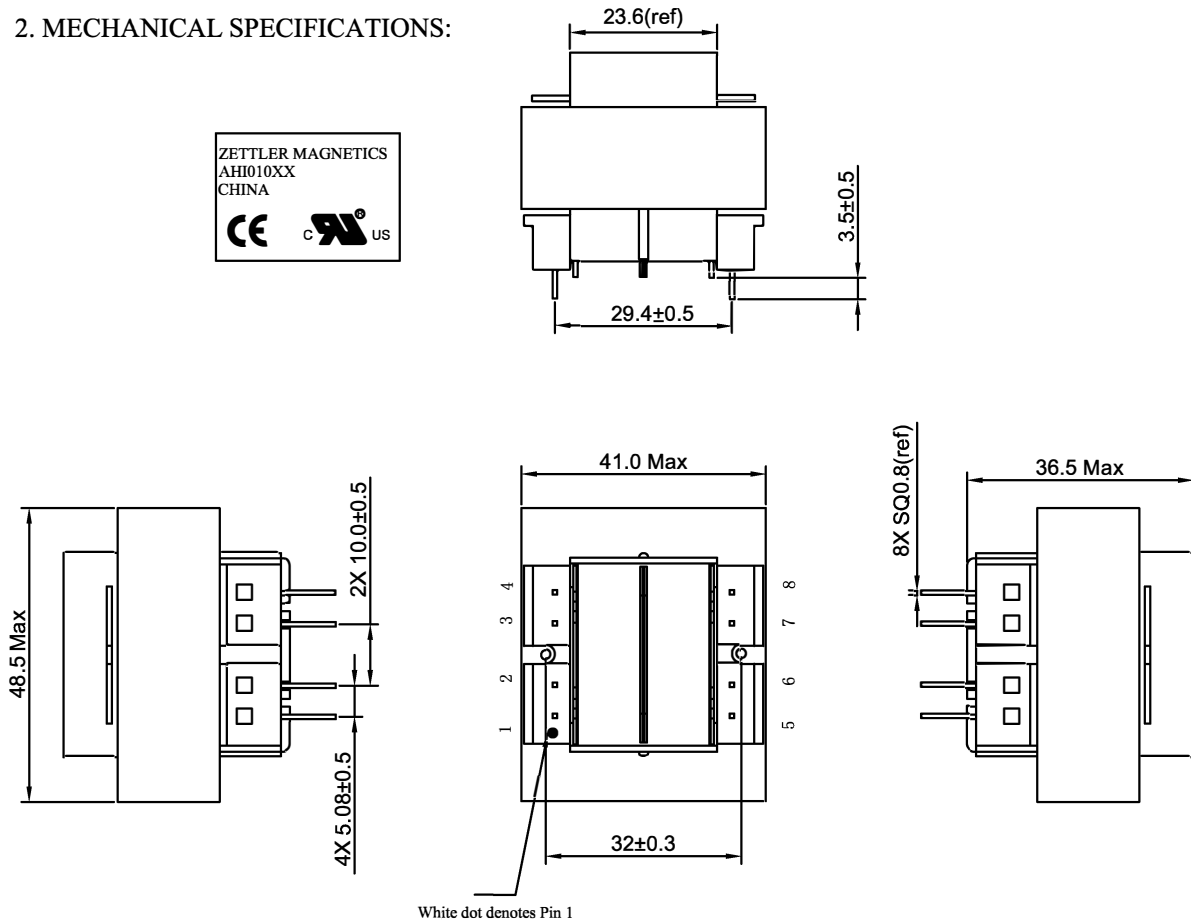
**TRANSFORMER, POWER, PCB 1.0VA
DUAL PRIMARIES AND DUAL SECONDARIES**

PAGE REV	DESCRIPTION	DATE	BY
A0	CREATED	2002-08-23	ZHENG
B0	Updated PCD	2012-09-14	ye
B1	Updated PCD	2014-01-21	ye
B2	Modify the pin length.	2014-07-31	ye
B3	Updated PCD	2020-06-30	Chencl

1. ELECTRICAL SPECIFICATIONS:

- A. Input Voltage and Frequency: 115/230V @ 50/60 Hz
- B. Secondary Voltage: See Electrical Table
- C. Temperature Rise: 95°C MAX allowed.
- D. Insulation Resistance:
 - 100M Ohm Min @ 500VDC PRI to SEC.PRI to CORE
 - 100M Ohm Min @ 500VDC SEC to CORE
- E. Hi-Pot:
 - 4200Vrms 1 minute @ PRI to SEC
 - 4200Vrms 1 minute @ PRI to CORE
 - 4200Vrms 1 minute @ SEC to CORE
- F. Safety:
 - Insulation System Designation ZM130-7, Class B, UL File No.177235
 - UL5085-3, Class 2, 3, US and Canada, UL File No.E214561
 - CE Declaration of Conformity: IEC EN61558-1

2. MECHANICAL SPECIFICATIONS:

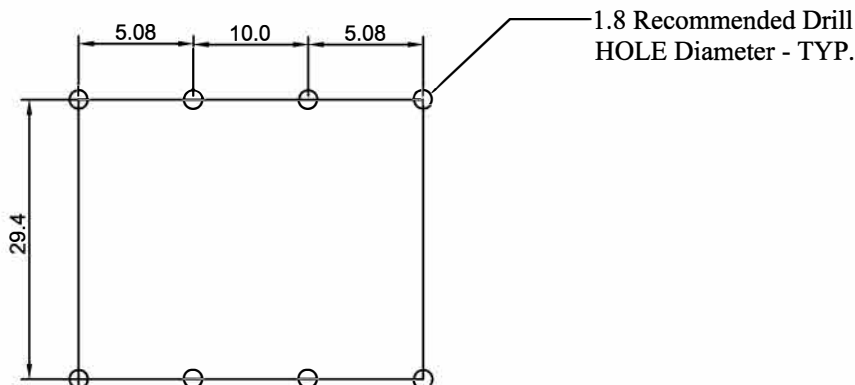


UNIT	TOLERANCE	ZETTLER MAGNETICS	
MM	X.X = ±0.5 X.XX = ±0.3 ANG = -		
3RD ANGLE			
SCALE:	DATA	TITLE: POWER TRANSFORMER, PCB 1.0VA	
DRAWN: Chencl	2020-06-30	PART NO:	ZM Project:
CHECKED:		AH1010 SERIES	Customers p/n:
APPROVED:			SPEC REV: B/3
			SH NO 1/2

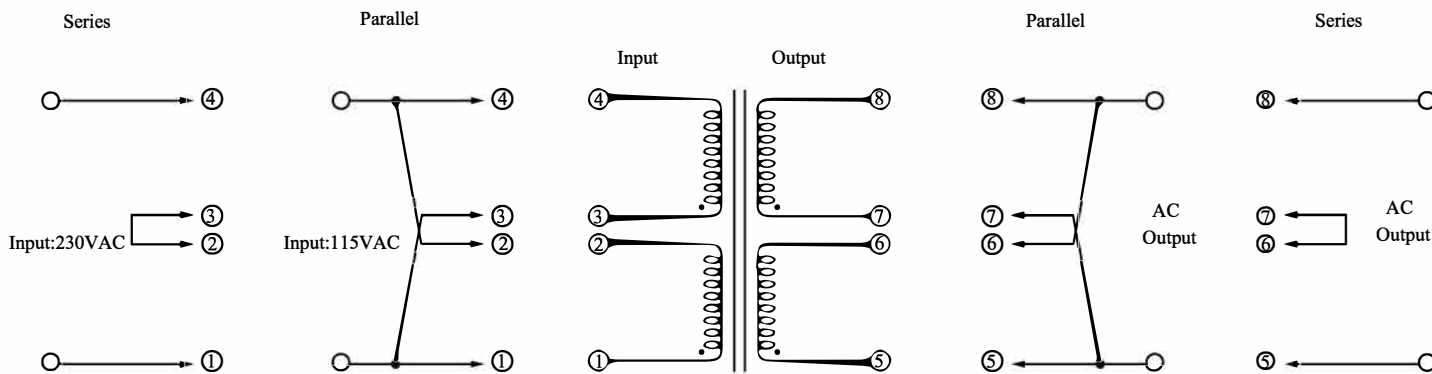
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E-mail: sales@zettlermagnetics.com

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3. MOUNTING FOOTPRINT:



4. SCHEMATIC DIAGRAM:



5. ELECTRICAL TABLE:

INPUT	SERIES / PARALLEL			
	PARALLEL CONNECTION		SERIES CONNECTION	
OUTPUT	AC VOLTS	RMS AMPS	AC VOLTS	RMS AMPS
AHI01010	5V	2A	10V	1A
AHI01012	6.3V	1.6A	12.6V	0.8A
AHI01016	8V	1.2A	16V	0.6A
AHI01020	10V	1A	20V	0.5A
AHI01024	12V	0.84A	24V	0.42A
AHI01028	14V	0.72A	28V	0.36A
AHI01036	18V	0.56A	36V	0.28A

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DRAWN:	Chend	2020-06-30
CHECKED:		
APPROVED:		

ZETTLER MAGNETICS

TITLE: POWER TRANSFORMER, PCB 1.0VA

PART NO:

AHI010 SERIES

ZM Project:

Customers p/n:

SPEC REV: B/3



SH NO 2/2

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