



Specification

(CUSTOMER) :
(PRODUCT) : **Transformer**
(CUSTOMER'S P/N) :
(YATA'S P/N) : **YT-ETD59-002**
(DATE) : **2015-10-09**

RFQ : **YT-151009002**

CUSTOMER'S APPROVAL REQUESTED

Checked by: _____ Date: _____

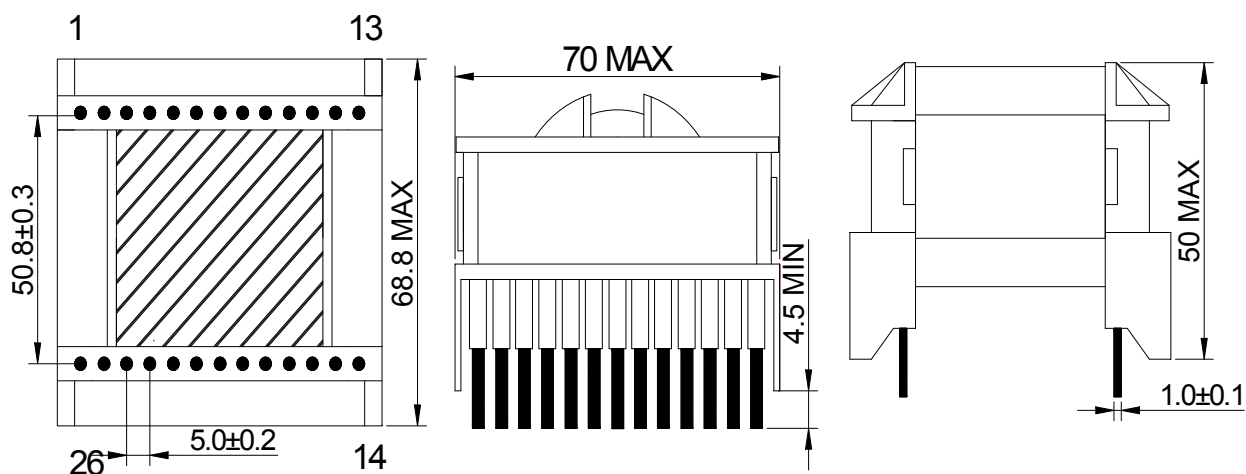
Approved by: _____ Date: _____

Please return this copy as a certification of your approval

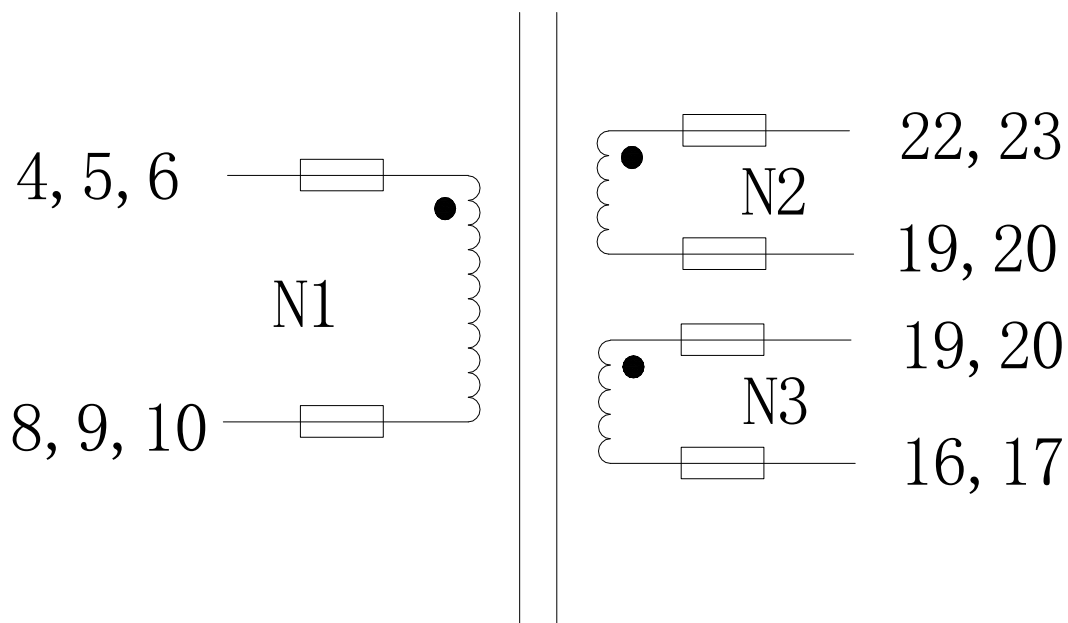
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Customer		Product	Transformer	Customer Type	
Type	ETD59	Version	A	Date	2015-10-09

1.Mechanical Drawing :(mm)



2.Electrical Diagram :



PREPARE BY	Andy	CHECKED BY	Robert	APPROVE BY	Jackie	1/3
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3、Winding structure

No.	Margin tape	Start	Finish	Wire size	Turns	Winding way	Tape	Note
N1	4mm	4, 5, 6	8, 9, 10	Copper foil 0.2*32mm	4TS	Center winding	3 TS	
N2	4mm	22, 23	19, 20	2UEW ϕ 0.6*3	18 TS	Bifilar winding	3 TS	
N3	4mm	19, 20	16, 17	2UEW ϕ 0.6*3	18 TS			

NOTES:

- 1、The copper foil is connected to the pins with ϕ 0.8mm*6P wire.
- 2、Add 4mm Margin tape on the each side of bobbin
- 3、sleeving is used on the start and finish leads of all windings
- 4、Winding level off, do not cross, overlapping.
- 5、The finished product Varnish immersion.

PREPARE BY	Andy	CHECKED BY	Robert	APPROVE BY	Jackie	2/3
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4. Electrical Datasheet

Item	Test Point	Range	Test Condition	Test machine
Inductance	L(Pin4,5,6-8,9,10) L(Pin22,23-16,17)	95uH \pm 30% 7.7mH \pm 30%	10KHz/0.1V 25°C	CH-1062A
DCR	R(Pin4,5,6-8,9,10) R(Pin22,23-16,17)	3 m Ω \pm 15% 80 m Ω \pm 15%	25°C	CH-502C
HI-POT	PRI-SEC	3750VAC	3mA 5SEC	YD9850A

5. Material List

NO.	Material	Type	Supplier	UL NO
1	Core	3C90 ETD-59	Ferroxcube	
2	Bobbin	P-5901	Pin shine	
3	wire	2UEW 155°C	Pacific wire	E333812
4	Clip	ETD 59	Pin shine	
5	INSULATION TAPE	PZ 130°C	YAHUA or equivalent	E165111
6	Copper foil	Cu 0.2*32mm	YAHUA or equivalent	E165111
7	Teflon TUBE	PTFE	woer	E227566
8	Varnish	844-K5-130°C	JIASHEN or equivalent	E320847

PREPARE BY	Andy	CHECKED BY	Robert	APPROVE BY	Jackie	3/3
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