



**SANCORE** Zhongshan Sancore Electronic co.,ltd



XUYI OUGE ELECTRONIC CO.,LTD

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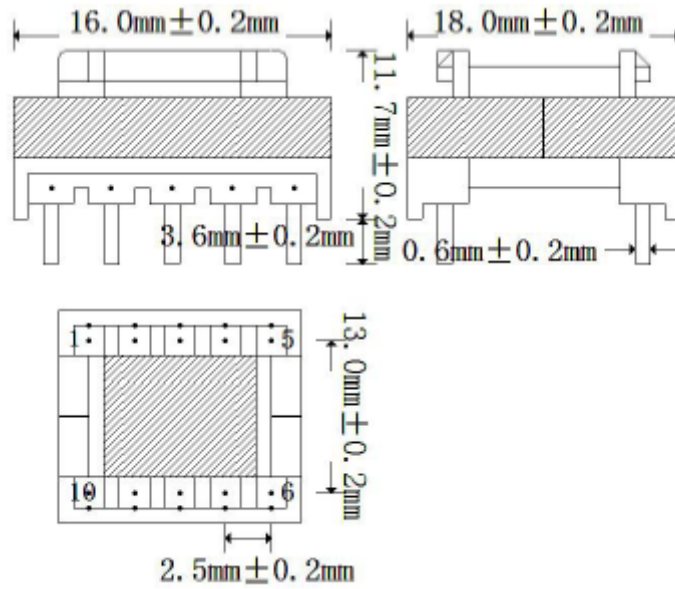
## ***SPECIFICATION FOR APPROVAL***

CUSTOMER NAME	Ozdisan		
Item No:	EF16 horizontal transformer		
CUSTOMER NO:		CUSTOMER REVISION:	1.0
OUGE No:	SX-0452E16	OU GE REVISION:	A1

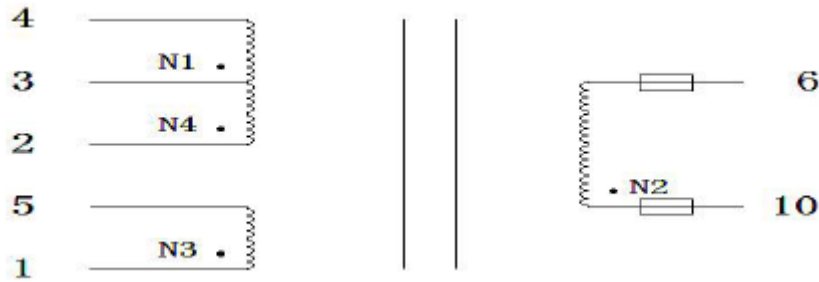
Note: Please send confirmation to us with signature and seal

sign and seal by seller			Sign and seal by buyer		
Preparer	Reviewer	Approver	Reviewer	Approver	confirmer
ZhiHua Zhang					
Date:	12 <sup>nd</sup> April 2018		Date		

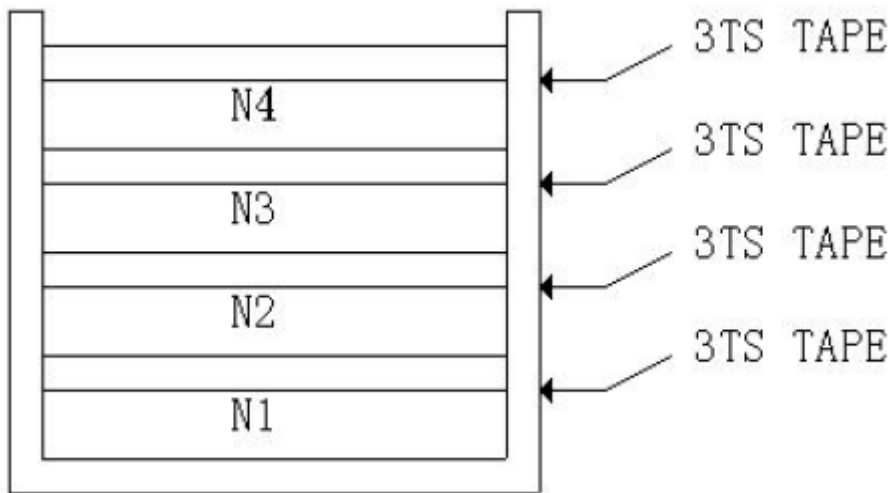
# 1. Dimensions (unit:mm)



# 2. Circuit diagram:



# 3. cross-section drawn:



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#### 4. winding process:

No	Pin(start-stop)	Specification of copper line	Turns	Tube	
				ST	FIN
N1	3-4	2UEW $\phi$ 0.23mm $\times$ 1P	35	/	/
N2	10-6	T. I. W $\phi$ 0.45mm $\times$ 2P	4	17L	17L
N3	1-5	2UEW $\phi$ 0.15mm $\times$ 1P	9	/	/
N4	2-3	2UEW $\phi$ 0.23mm $\times$ 1P	35	/	/

#### 5. Description:

1. EF1602 pin5+5, less pin7,8,9
2. EF16 PC40 Ferrite Core with 1 side air gap.
3. Transformers vacuum impregnation and bake.
4. Coils are packaged with 9.5mm yellow tape, Cores are packaged with 4.2mm Yellow tape
5. with label<SX-0452EF16>

#### 6. Electrical Parameter

##### ① Inductance

No	Pins	Specification	Test condition	Test equipment
1	2-4	1.0mH $\pm$ 7%	10.0KHZ 0.3V	TH2819XB

##### ② Leakage Inductance

No	Pins	Specification	Test condition	Test equipment
1	2-4	/	/	TH2819XB

##### ③ Isolation Voltage

No	Part	Standard	Time	Test equipment
1	PRI TO SEC	1000V/AC//3mA/50HZ	5s	WB2671
2	PRI TO CORE	1000V/AC//3mA/50HZ	5s	
3	SEC TO CORE	1000V/AC//3mA/50HZ	5s	

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## 7. BOM List

No	Name	Specification	Remark
1	Ferrite core	EF16/PC40	SGS
2	Bobbin coil	EF16 pin4: 4	SGS
3	Magnet wire	2UEW 155°C	E85640
4	Insulating oil	T1148-1	E228349
5	Diluent	T1148-1X	
6	MYLAR tape	CT-280 yellow/yellow 0.055mm	E165111
7	High temperature tin	100H	SGS

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