



# PRODUCT SPECIFICATION

Customer: \_\_\_\_\_

Product: Switching power transformer

Code: XPKG131588

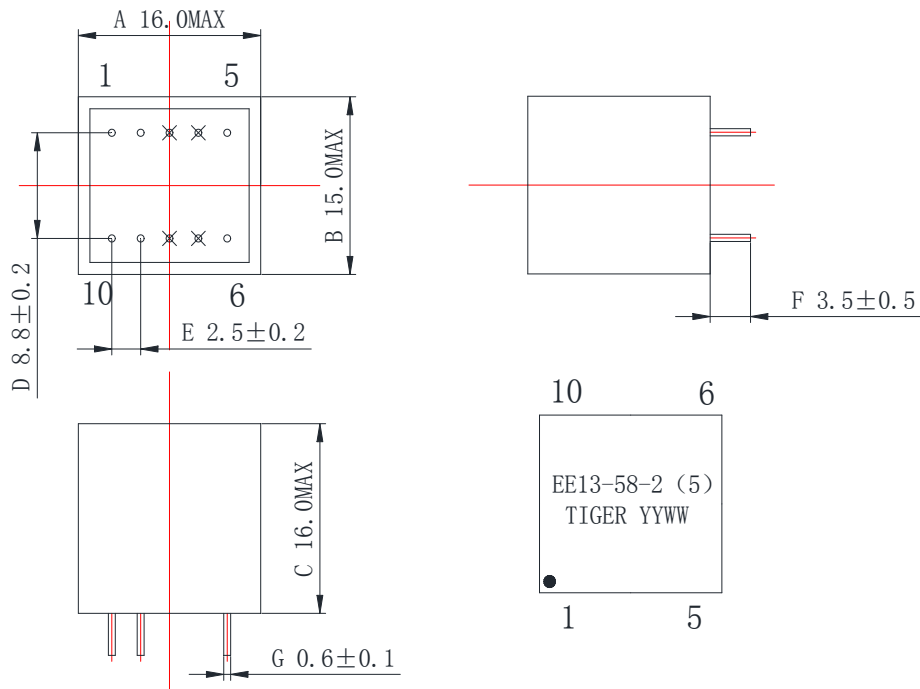
Date: 2023.06.29

DEZHOU XINPING ELECTRONIC CO.,LTD

Customer	Customer Model		Code	NO	Edition
			XPKG131588		A <sub>0</sub>
Revision record	Issue Date	Edition	Change content		
	2023-06-29	A <sub>0</sub>	First Issue		

1、Electrical performance (ambient humidity 65 ± 20%, temperature 25 ± 5 °C)					
NO	Test Item	Test Terminal	Test Standard	Test Condition	Testing instrument
1	Inductance	PIN6-5	1.722mH ± 10%	100kHz1.0V	Digital Bridge TH2818 Series/TH2819
2	DC Resistance	/	/	Room temperature 25 °C	DC resistance tester
3	Leakage inductance	PIN6-5	172.2uH MAX	100kHz1.0V Short circuit to other pins	Digital Bridge TH2818 Series/TH2819
4	Dielectric strength	PIN6、5--PIN9、10	No breakdown, No spark-over	AC2.0kV/0.3mA/60s	Yidi multifunctional comprehensive safety regulation tester 91221
		PIN6、5、9、10--PIN1、2		AC4.0kV/0.3mA/60s	

## 2.Product Outline Drawing and Dimensions (Unit: mm)



- 1、PIN3, 4, 7, and 8 pins removed; The winding is uniform and flat.
- 2、 The periphery of the magnetic core is wrapped in 3 layers of 6mm yellow tape, and the product is sealed.

## 3.Bill of Materials

NO	Material	Specification	Supplier	ULCertificate Number	Remark
1	Bobbin	EE13 立式 5+5 T200HF/150℃ T375HF/150℃	长春塑胶	E59481	
2	Core	EE13/PC40	浙江欧歌电子股份有限公司 枣庄亿源电子科技有限公司		
3	Copper wire	xUEW/155 xUEW/155	江苏大通机电有限公司 浙江洪波科技股份有限公司	E237377 E221719	
4	Three layer insulated wire	TIW-B/130℃ TAW-B/130℃	深圳市凯中和东新材料有限公司 苏州金弘峰电子有限公司	E497824 E493544	
5	Insulating tape	JY25-A(b) 130℃ CT* (b) (g) 130℃	靖江市精益胶粘制品有限公司 靖江市亚华电子科技有限公司	E246950 E165111	
6	Varnish	T-4260 (a) /130℃ R-831-*/180℃	苏州太湖电工新材料股份有限公司 浙江荣泰科技企业有限公司	E228349 E227128	
7	Potting material	6800-8-1Black	广州市百舜合成材料有限公司/或相当		

#### 4. Winding structure details

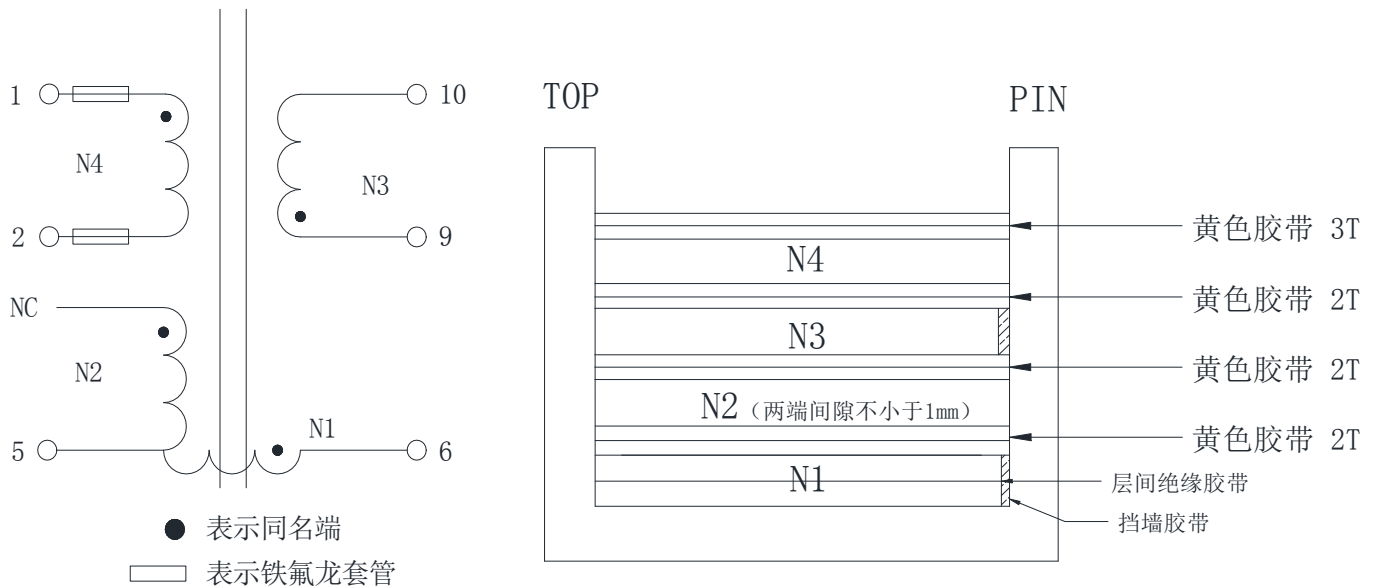
顺序	Terminal					Wire diameter	Turns	Winding Method	Inter group insulation
	Start	End	Bushing	挡墙					
				TOP	PIN				
N1	6	5	/	/	1.5mm	QA-1 $\Phi$ 0.14	121.5T	密绕3层均绕1层 (绕2层绝缘1层)	6.5mm/黄色/1T 8.0mm/黄色/2T
N2	NC	5	/	/	/	QA-1 $\Phi$ 0.14	36T(Ref)	居中密绕	8.0mm/黄色/2T
N3	9	10	/	/	2.0mm	QA-1 $\Phi$ 0.36	8T	密绕	8.0mm/黄色/2T
N4	1	2	起、尾	/	/	TIW-B $\Phi$ 0.20	13T	密绕	8.0mm/黄色/3T

含浸方式: 真空 非真空 不含浸

GAP方式: 研磨中柱 ; 其它: \_\_\_\_\_

CORE OUT TAPE: 6 mm 黄色 3 Ts

#### 5. Schematic and structural diagrams



Supplier	Dezhou Xinping Electronics Co.,ltd	Customer	
Make		Check	
Approve			