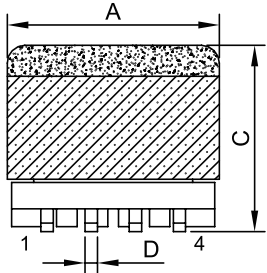
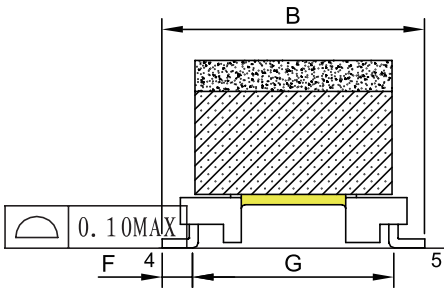


REACH & RoHS  
COMPLIANT

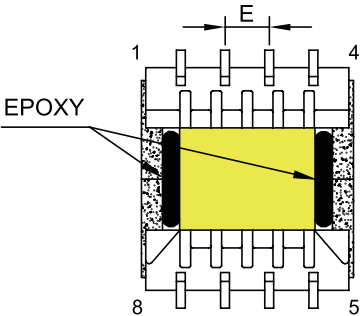
1. OUTLINE DIMENSION:(UNIT:mm)/外形尺寸 (单位: mm)



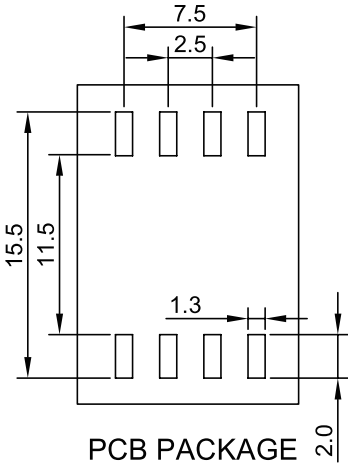
ELEVATION



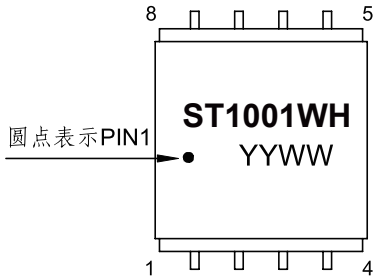
SIDE VIEW



BOTTOM VIEW



PCB PACKAGE



TOP VIEW

- NOTE:
- 1.N1绕组不交叉.
  - 2.绕组绝缘胶带为淡黄色, 磁芯外包高温胶带.
  - 3.磁芯单边开气隙(装于PIN1-4侧), 外包6mm胶带2Ts.
  - 4.底部磁芯与线包空隙处点黑胶固定.(如图)
  - 5.产品不含浸.
  - 6.标签如上图所示,印字内容中YYWW代表年份与周期.

A	B	C	D	E	F	G
12.7MAX	15.2MAX	11.4MAX	0.60±0.1	2.5±0.3	1.5REF	11.6REF

**VOOHU** 苏州沃虎电子科技有限公司  
Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

TITLE:  
变压器/TRANSFORMER

PART NO.:  
ST1001WH

REMARK:

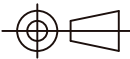
SIZE  
A4

SACLE  
1:1

SHEET  
1/3

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

x±0.35  
.x±0.30

.xx±0.25  
.xxx±0.10

x°±3.0°  
.x°±2.0°

.xx°±1.5°  
.xxx°±1.0°

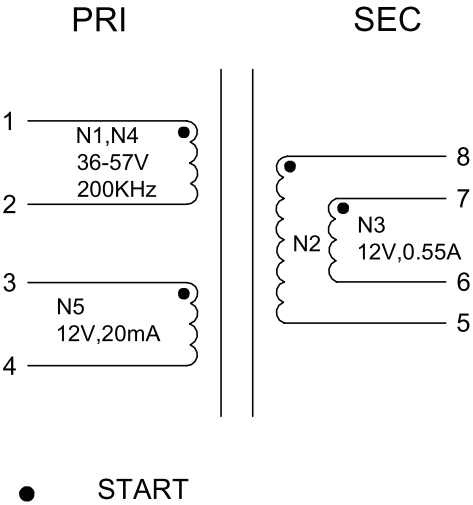
APPROVED BY:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

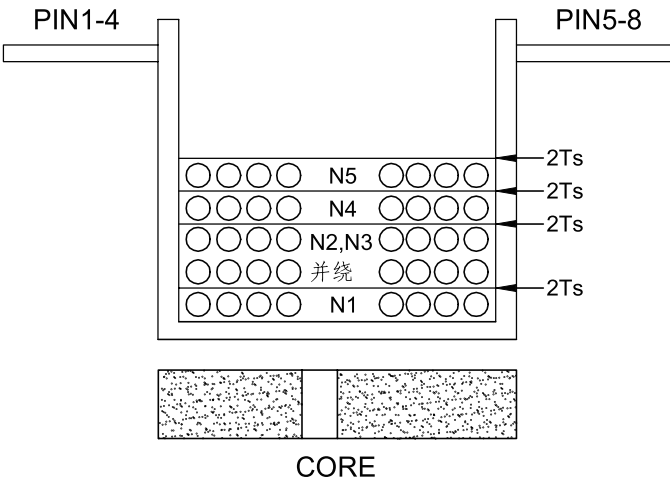
DESIGND BY:  
Sunny.Xu

REACH & RoHS  
COMPLIANT

2. CIRCUIT DIAGRAM/电气原理图



3. CONSTRUCTION DIAGRAM/内部结构图



4.WINDING INFORMATIONS TABLE/绕制明细表

绕组 WINDING	挡墙胶带 MARGIN TAPE		起始-收尾 S - F	线材 WIRE	圈数 TURN	绝缘胶带 TAPE	备注 REMARK
	PIN1-4 SIDE	PIN5-8 SIDE					
N1	/	/	1--2	2UEW-H Ø0.20	48Ts	2Ts	密绕/CLOSE
N2	/	/	8--5	2UEW-H红色 Ø0.35	14Ts	2Ts	并绕/BIFILAR
N3	/	/	7--6	2UEW-H本色 Ø0.35	14Ts		
N4	/	/	1--2	2UEW-H Ø0.20	48Ts	2Ts	密绕/CLOSE
N5	/	/	3--4	2UEW-H Ø0.20	14Ts	2Ts	密绕/CLOSE

**VOOHU** 苏州沃虎电子科技有限公司  
Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

TITLE:  
变压器/TRANSFORMER

PART NO.:  
ST1001WH

REMARK:

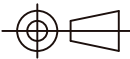
SIZE  
A4

SACLE  
1:1

SHEET  
2/3

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

x±0.35  
.x±0.30

.xx±0.25  
.xxx±0.10



x°±3.0°  
.x°±2.0°

.xx°±1.5°  
.xxx°±1.0°

APPROVED BY:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

DESIGND BY:  
Sunny.Xu

	1	2	3	4	5	6	7	8				
H	REACH & RoHS COMPLIANT		5. CHARACTERISTIC /电气性能						H			
		NO. 序号	ITEM 项目	TERT POINT 测试点	TECHNICAL CRITERION 技术标准	TEST CONDITION & INSTRUMENT 测试条件&仪器						
G		1	INDUCTANCE 电感	L (1-2)	265uH±10%	CHROMA3250(100Ω) 100KHz/0.1V AT 25℃			G			
		2	LEAKAGE INDUCTANCE 漏感	LK(1-2) SHORT OTHER PINS	3.0uH MAX	CHROMA3250(100Ω) 100KHz/0.1V AT 25℃						
F		3	DCR 直流电阻	R(1-2)	330mΩ MAX	TH2511 AT25℃			F			
	R(8-5)			68mΩ MAX								
	R(7-6)			68mΩ MAX								
E	R(3-4)			350mΩ MAX								
	4	HI-POT 抗电强度	PRI-SEC	AC1500V	CHROMA19053 1mA 3SEC 50Hz							
D			PRI-CORE	AC1000V				D				
			SEC-CORE	AC1000V								
	5	INSULATION RESISTANCE 绝缘电阻	PRI-SEC	100MΩ MIN	CHROMA19053 DC 500V							
C			PRI-CORE	100MΩ MIN				C				
			SEC-CORE	100MΩ MIN								
B	6	RATED POWER 额定功率	额定功率6.5W		Between-20℃ to 80℃ test inductance and resistance on the basis of 25℃, The variation shall not exceed 20%. Operating temperature range: -40℃ to +85℃.				B			
	 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd			TITLE: 变压器/TRANSFORMER		SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song		
A				PART NO.: ST1001WH		SACLE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song		A
				REMARK:		SHEET 3/3		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu		
	1	2	3	4	5	6	7	8				