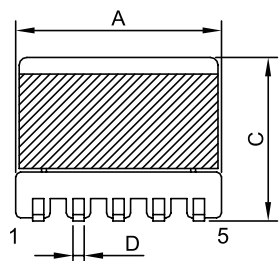
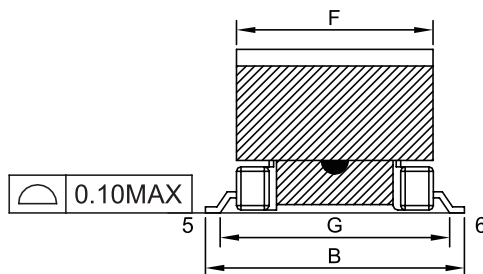


REACH & RoHS
COMPLIANT

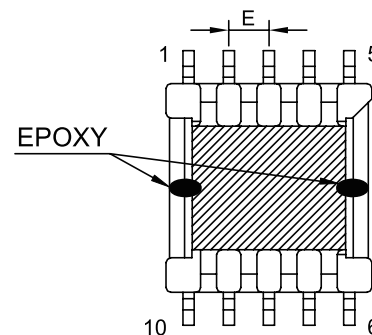
1. OUTLINE DIMENSION:(UNIT:mm)/外形尺寸 (单位: mm)



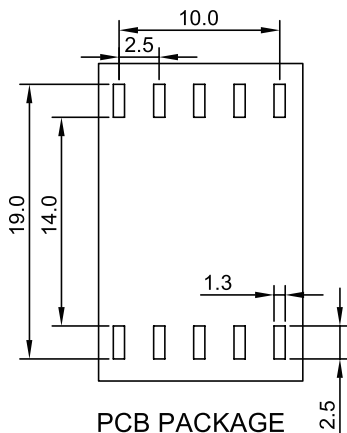
ELEVATION



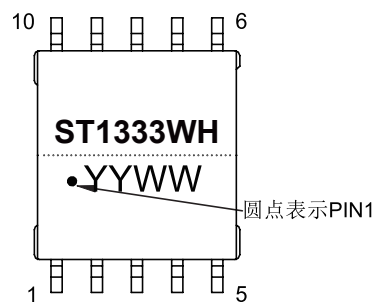
SIDE VIEW



BOTTOM VIEW



PCB PACKAGE



标签内容

NOTE:

- 1.N1绕组不交叉.
- 2.所有绝缘胶带用高温胶带.
- 3.磁芯单边开气隙(装于PIN1-5侧), 磁芯外包7mm胶带2Ts.
- 4.底部磁芯接合处点黑胶固定并连接线包上.(如图)
- 5.产品平贴度0.1mm MAX.
- 6.产品真空含浸.
- 7.产品顶部印标签,要求激光镭射.

A	B	C	D	E	F	G
14.5MAX	17.4±0.3	12.0±0.50	0.70±0.10	2.5±0.2	14.5MAX	15.4±0.15

VOOHU 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

PART NO.:
ST1333WH

SACLE
1:1

REV
A0

$x \pm 0.35$
 $.x \pm 0.30$
 $.xx \pm 0.25$
 $.xxx \pm 0.10$

$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$
 $.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

CHECKED BY:
Elvis.Song
DESIGND BY:
Sunny.Xu

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

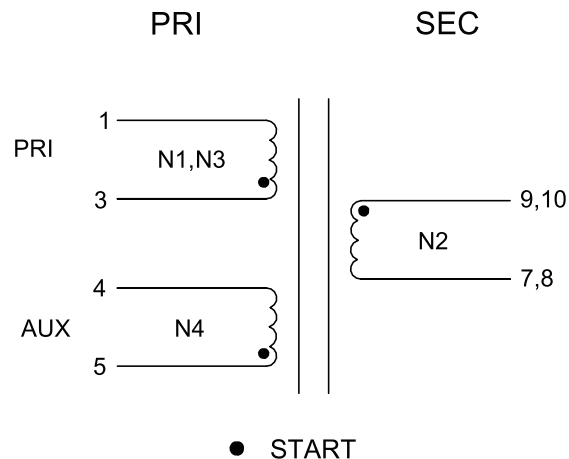
REMARK:

SHEET
1/3



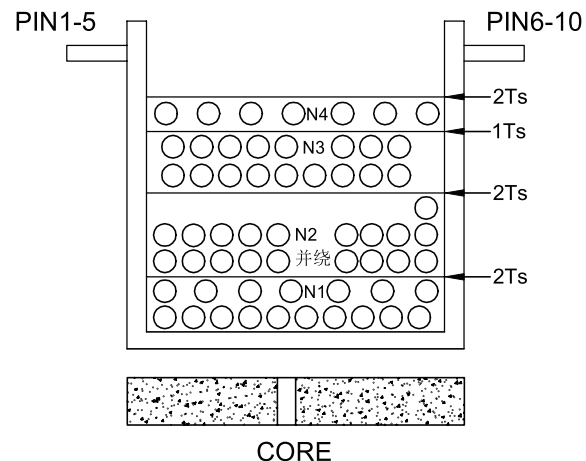
REACH & RoHS
COMPLIANT

2. CIRCUIT DIAGRAM/电气原理图



PIN7,8 & PIN9,10 分别在PCB上短接在一起.

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 TURNS	绝缘胶带 TAPE 8mm	备注 REMARK
	PIN1-5 SIDE	PIN6-10 SIDE					
N1	/	/	3--1	2UEW-H Ø0.21*2P	24Ts	2Ts	密绕+散绕/CLOSE+SPACE
N2	/	/	9--7	2UEW-H Ø0.28*2P	12Ts	2Ts	并绕, 密绕 BIFILAR, CLOSE
	/	/	10--8	2UEW-H Ø0.28*2P			
N3	/	/	3--1	2UEW-H Ø0.21*2P	24Ts	1Ts	密绕/CLOSE
N4	/	/	5--4	2UEW-H Ø0.21*1P	7Ts	2Ts	散绕/SPACE

- 1.N1绕组不交叉.
- 2.所有绝缘胶带用高温胶带.

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SACLE
1:1

REV
A0

$x \pm 0.35$ $x^\circ \pm 3.0^\circ$
 $.x \pm 0.30$ $.x^\circ \pm 2.0^\circ$

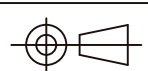
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REMARK:

SHEET
2/3



$.xx \pm 0.25$ $.xx^\circ \pm 1.5^\circ$
 $.xxx \pm 0.10$ $.xxx^\circ \pm 1.0^\circ$

DESIGND BY:
Sunny.Xu

REACH & RoHS COMPLIANT

5. CHARACTERISTIC /电气性能

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
5.1	INDUCTANCE 电感	L (3--1)	58uH±10%	CHROMA3250(100Ω) 120KHz/0.1V AT 25°C
5.2	LEAKAGE INDUCTANCE 漏感	LK(3-1) SHORT OTHER PINS	1.0uH MAX	CHROMA3250(100Ω) 120KHz/0.1V AT 25°C
5.3	DCR 直流电阻	R(3-1)	90mΩ MAX	TH2511 AT25°C
		R(9,10-7,8)	30mΩ MAX	
		R(5-4)	150mΩ MAX	
5.4	HI-POT 抗电强度	PRI-SEC	AC1500V	CHROMA19053 1mA 3SEC 50Hz
		PRI-CORE	AC500V	
		SEC-CORE	AC500V	
5.5	INSULATION RESISTANCE 绝缘电阻	PRI-SEC	100MΩ MIN	CHROMA19053 DC 500V
		PRI-CORE	100MΩ MIN	
		SEC-CORE	100MΩ MIN	
5.6	OPERATING TEMPERATURE (INCLUDING SELF TEMPERATURE RISE)		-40°C TO 125°C	
5.7	STORAGE TEMPERATURE		-40°C TO 125°C	

Between-20°C to 80°C test inductance and resistance on the basis of 25°C,
The variation shall not exceed 20%.

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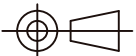
TITLE: 变压器/TRANSFORMER

PART NO.: ST1333WH

REMARK:

SIZE A4 UNITS MM[INCH]

SACLE 1:1 REV A0

SHEET 3/3 

GENERAL TOLERANCES UNLESS SPECIFIED

x±0.35	x°±3.0°
.x±0.30	.x°±2.0°
.xx±0.25	.xx°±1.5°
.xxx±0.10	.xxx°±1.0°

APPROVED BY: Geoffrey.Song

CHECKED BY: Elvis.Song

DESIGND BY: Sunny.Xu