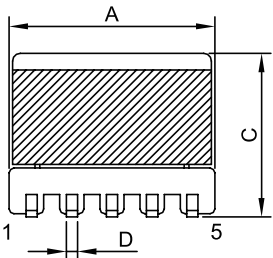
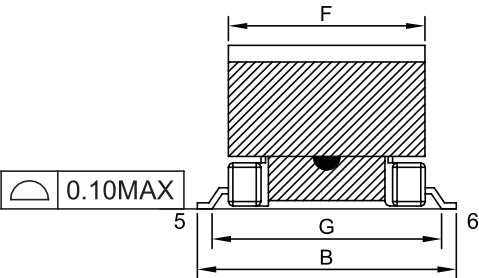


REACH & RoHS  
COMPLIANT

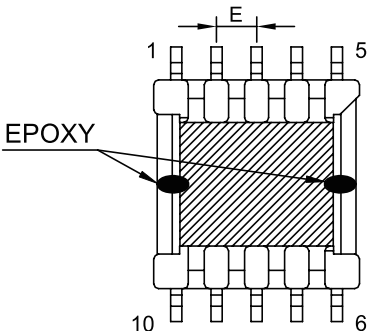
1. OUTLINE DIMENSION:(UNIT:mm)/外形尺寸（单位：mm）



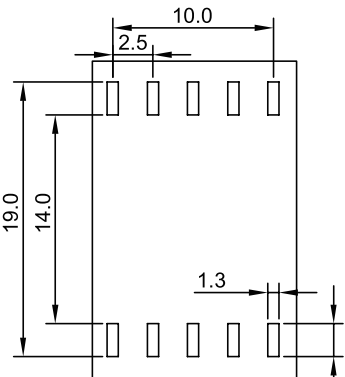
ELEVATION



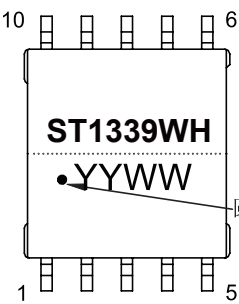
SIDE VIEW



BOTTOM VIEW



PCB PACKAGE



标签内容

圆点表示PIN1

- 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

TEL: +86 400 1048 018

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

TITLE:  
变压器/TRANSFORMER

PART NO.:  
ST1339WH

REMARK:

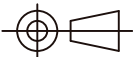
SIZE  
A4

SACLE  
1:1

SHEET  
1/3

UNITS  
MM[INCH]

REV  
A0



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

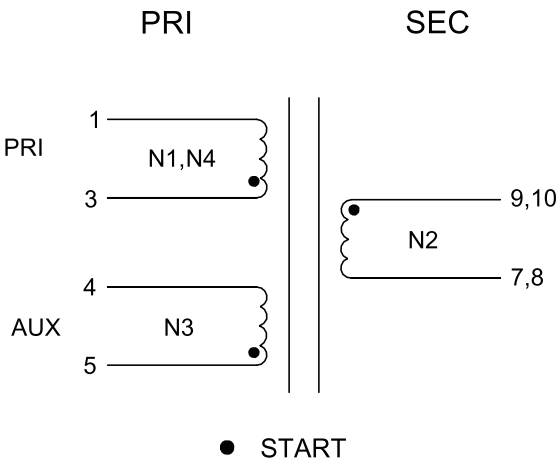
CHECKED BY:  
Elvis.Song

DESIGND BY:  
Sunny.Xu

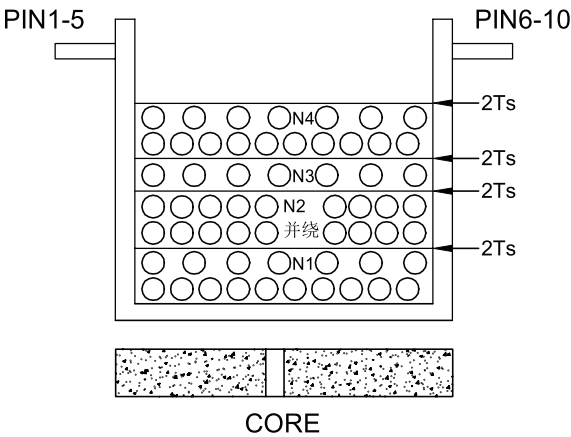
1  
2  
3  
4  
5  
6  
7  
8

REACH & RoHS  
COMPLIANT

2. CIRCUIT DIAGRAM/电气原理图



3. CONSTRUCTION DIAGRAM/内部结构图






PIN7,8 & PIN9,10 分别在PCB上短接在一起

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*3P	18Ts	2Ts	密绕+散绕/CLOSE+SPACE
N2	/	/	9--7	2UEW-H Ø0.20*2P	16Ts	2Ts	并绕, 密绕 BIFILAR, CLOSE
	/	/	10--8	2UEW-H Ø0.20*2P	16Ts		
N3	/	/	5--4	2UEW-H Ø0.21*1P	16Ts	2Ts	散绕/SPACE
N4	/	/	3--1	2UEW-H Ø0.21*3P	18Ts	2Ts	密绕+散绕/CLOSE+SPACE

- 1.N1绕组不交叉。  
2.所有绝缘胶带用高温胶带。

<div> 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd</div>		TITLE: 变压器/TRANSFORMER	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: ST1339WH	SACLE 1:1	REV A0	<div><div>x±0.35</div><div>.x±0.30</div></div>	<div><div>x°±3.0°</div><div>.x°±2.0°</div></div>	CHECKED BY: Elvis.Song
TEL: +86 400 1048 018	WEB: <a href="http://WWW.WOHU-TEK.COM">WWW.WOHU-TEK.COM</a>	REMARK:	SHEET 2/3		<div><div>.xx±0.25</div><div>.xxx±0.10</div></div>	<div><div>.xx°±1.5°</div><div>.xxx°±1.0°</div></div>	DESIGND BY: Sunny.Xu

1		2		3		4		5		6		7		8																																																															
REACH & RoHS COMPLIANT		5. CHARACTERISTIC /电气性能																																																																											
		<table><tr><td>NO. 序号</td><td>ITEM 项目</td><td>TERT POINT 测试点</td><td>TECHNICAL CRITERION 技术标准</td><td colspan="2">TEST CONDITION &amp; INSTRUMENT 测试条件&amp;仪器</td></tr><tr><td>5.1</td><td>INDUCTANCE 电感</td><td>L (3--1)</td><td>40.2uH±10%</td><td colspan="2">CHROMA3250(100Ω) 200KHz/0.1V AT 25℃</td></tr><tr><td>5.2</td><td>LEAKAGE INDUCTANCE 漏感</td><td>LK(3-1) SHORT OTHER PINS</td><td>1.0uH MAX</td><td colspan="2">CHROMA3250(100Ω) 200KHz/0.1V AT 25℃</td></tr><tr><td rowspan="4">5.3</td><td rowspan="4">DCR 直流电阻</td><td>R(3-1)</td><td>150mΩ MAX</td><td colspan="2" rowspan="4">TH2511 AT25℃</td></tr><tr><td>R(9,10-7,8)</td><td>65mΩ MAX</td></tr><tr><td>R(5-4)</td><td>308mΩ MAX</td></tr><tr><td></td><td></td></tr><tr><td rowspan="3">5.4</td><td rowspan="3">HI-POT 抗电强度</td><td>PRI-SEC</td><td>AC1500V</td><td colspan="2" rowspan="3">CHROMA19053 1mA 3SEC 50Hz</td></tr><tr><td>PRI-CORE</td><td>AC500V</td></tr><tr><td>SEC-CORE</td><td>AC500V</td></tr><tr><td rowspan="3">5.5</td><td rowspan="3">INSULATION RESISTANCE 绝缘电阻</td><td>PRI-SEC</td><td>100MΩ MIN</td><td colspan="2" rowspan="3">CHROMA19053 DC 500V</td></tr><tr><td>PRI-CORE</td><td>100MΩ MIN</td></tr><tr><td>SEC-CORE</td><td>100MΩ MIN</td></tr><tr><td>5.6</td><td colspan="2">OPERATING TEMPERATURE (INCLUDING SELF TEMPERATURE RISE)</td><td colspan="3">-40℃ TO 125℃</td></tr><tr><td>5.7</td><td colspan="2">STORAGE TEMPERATURE</td><td colspan="3">-40℃ TO 125℃</td></tr></table>														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)	40.2uH±10%	CHROMA3250(100Ω) 200KHz/0.1V AT 25℃		5.2	LEAKAGE INDUCTANCE 漏感	LK(3-1) SHORT OTHER PINS	1.0uH MAX	CHROMA3250(100Ω) 200KHz/0.1V AT 25℃		5.3	DCR 直流电阻	R(3-1)	150mΩ MAX	TH2511 AT25℃		R(9,10-7,8)	65mΩ MAX	R(5-4)	308mΩ 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℃ TO 125℃			5.7	STORAGE TEMPERATURE		-40℃ TO 125℃		
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Between-20℃ to 80℃ test inductance and resistance on the basis of 25℃, The variation shall not exceed 20%.																																																																													
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