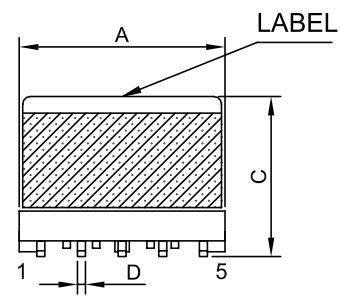
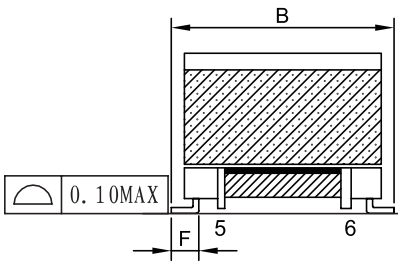


REACH & RoHS
COMPLIANT

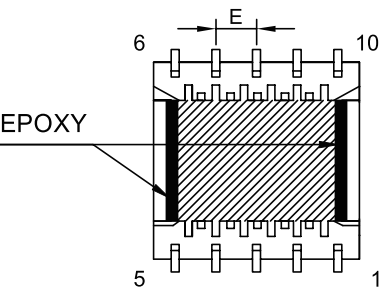
1. OUTLINE DIMENSION:(UNIT:mm)/外形尺寸（单位：mm）



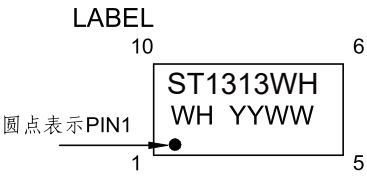
ELEVATION



SIDE VIEW



BOTTOM VIEW



NOTE:

- 1.N1绕组不交叉.
- 2.绕组绝缘胶带用黑色，磁芯外包高温胶带.
- 3.磁芯单边开气隙(装于PIN1-5侧), 外包7mm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.
- 7.产品PIN脚平贴度管控标准：0.10MAX.
- 8.B尺寸不包含锡尖.

A	B	C	D	E	F
14.2MAX	17.2MAX	12.4±0.5	SQ0.50±0.1	2.5±0.3	2.25 REF

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

TITLE:
变压器/TRANSFORMER

PART NO.:
ST1313WH

REMARK:

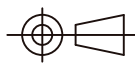
SIZE
A4

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																																																	
<div><div><div>PRI</div><div>SEC</div></div><div><div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div><div><div>N4</div><div>N1</div><div>N3</div></div><div><div>PRI</div><div>AUX</div></div></div><div><div><div>8</div><div>6</div></div><div><div>N2</div></div><div><div>SEC</div></div></div><div><div>●</div><div>START</div></div></div></div>								<div><div><div>PIN1-5</div><div>PIN6-10</div></div><div><div><div><div>N4</div><div>N3</div><div>N2</div><div>N1</div></div><div><div>2Ts</div><div>1Ts</div><div>1Ts</div><div>1Ts</div></div></div></div><div><div>CORE</div></div></div>																																																	
4.WINDING INFORMATIONS TABLE/绕制明细表																																																									
<table><tr><th rowspan="2">绕组 WINDING</th><th colspan="2">挡墙胶带 MARGIN TAPE</th><th rowspan="2">起始-收尾 S - F</th><th rowspan="2">线材 WIRE</th><th rowspan="2">圈数 TURN</th><th rowspan="2">绝缘胶带 TAPE</th><th rowspan="2">备注 REMARK</th></tr><tr><th>PIN1-5 SIDE</th><th>PIN6-10 SIDE</th></tr><tr><td>N1</td><td>/</td><td>/</td><td>2--3</td><td>2UEW Ø0.30*1</td><td>23Ts</td><td>1Ts</td><td>密绕/CLOSE</td></tr><tr><td>N2</td><td>/</td><td>/</td><td>8--6</td><td>2UEW Ø0.35*2</td><td>18Ts</td><td>1Ts</td><td>密绕/CLOSE</td></tr><tr><td>N3</td><td>/</td><td>/</td><td>4--5</td><td>2UEW Ø0.20*1</td><td>18Ts</td><td>1Ts</td><td>疏绕/SPARSE</td></tr><tr><td>N4</td><td>/</td><td>/</td><td>1--2</td><td>2UEW Ø0.30*1</td><td>31Ts</td><td>2Ts</td><td>密绕/CLOSE+疏绕/SPARSE</td></tr></table>																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	PIN1-5 SIDE	PIN6-10 SIDE	N1	/	/	2--3	2UEW Ø0.30*1	23Ts	1Ts	密绕/CLOSE	N2	/	/	8--6	2UEW Ø0.35*2	18Ts	1Ts	密绕/CLOSE	N3	/	/	4--5	2UEW Ø0.20*1	18Ts	1Ts	疏绕/SPARSE	N4	/	/	1--2	2UEW Ø0.30*1	31Ts	2Ts	密绕/CLOSE+疏绕/SPARSE
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				REMARK:		SHEET 2/3	<div><div>⊙</div><div>≡</div></div>	<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																																															
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1		2		3		4		5		6		7		8	
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
1	INDUCTANCE 电感	L (1-3)	170uH± 5%	CHROMA3250(100Ω) 40KHz/0.1V AT 25℃
2	LEAKAGE INDUCTANCE 漏感	LK(1-3) SHORT SEC	6.0uH MAX	CHROMA3250(100Ω) 40KHz/0.1V AT 25℃
3	DCR 直流电阻	R(1-3)	400mΩ MAX	TH2511 AT25℃
		R(8-6)	60mΩ MAX	
		R(4-5)	400mΩ MAX	
4	HI-POT 抗电强度	PRI-SEC	AC1500V	CHROMA19053 2mA 1SEC 50Hz
		PRI-CORE	AC500V	
		SEC-CORE	AC500V	
5	INSULATION RESISTANCE 绝缘电阻	PRI-SEC	100MΩ MIN	CHROMA19053 DC 500V
		PRI-CORE	100MΩ MIN	
		SEC-CORE	100MΩ MIN	
6	RATED POWER 额定功率	额定功率 13W		

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℃.