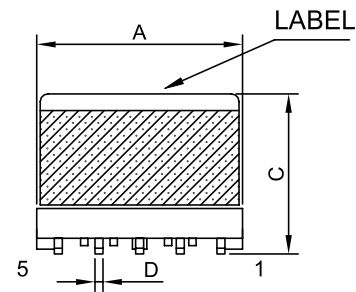
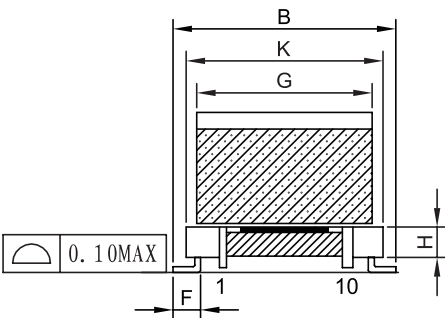


REACH & RoHS
COMPLIANT

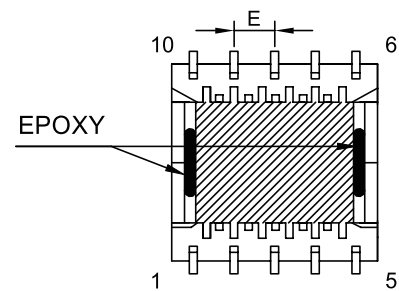
1. OUTLINE DIMENSION:(UNIT:mm)/外形尺寸（单位：mm）



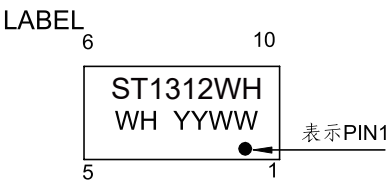
ELEVATION



SIDE VIEW



BOTTOM VIEW



NOTE:

- 1.N1绕组不交叉.
- 2.绕组绝缘胶带用淡黄色胶带，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.

A	B	C	D	E	F	G	H	K
14.5MAX	17.5MAX	12.5±0.5	SQ0.50±0.1	2.5±0.3	2.25 REF	14.05MAX	2.6MAX	16.0MAX

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.:
ST1312WH

REMARK:

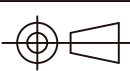
SIZE
A4

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

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							
PRI SEC															
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							
		PIN1-5 SIDE	PIN6-10 SIDE												
N1		/	/	3--1	2UEW Ø0.23*2	15Ts	1.5Ts	密绕/CLOSE							
N2		/	/	9--6	2UEW Ø0.27*2	10Ts	2Ts	密绕/CLOSE 疏绕/SPARSE							
N3		/	/	10--7	2UEW Ø0.27*2	10Ts									
N4		/	/	3--1	2UEW Ø0.23*2	15Ts	1.5Ts	密绕/CLOSE							
N5		/	/	5--4	2UEW Ø0.23*2	10Ts	2Ts	疏绕/SPARSE							

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.: ST1312WH		SACLE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song	
		REMARK:		SHEET 2/3		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu	
TEL: +86 400 1048 018		WEB: WWW.WOHU-TEK.COM							

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 (3-1)	26.2uH±10%		CHROMA3250(100Ω) 40KHz/1.0V AT 25℃								
		2	LEAKAGE INDUCTANCE 漏感	LK(3-1) SHORT OTHER PINS	0.2uH MAX		CHROMA3250(100Ω) 40KHz/0.1V AT 25℃								
		3	DCR 直流电阻	R(3-1)	45mΩ MAX		TH2511 AT25℃								
				R(9,10-6,7)	25mΩ MAX										
				R(5-4)	85mΩ 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 12W				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℃.							
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.: ST1312WH		SACLE 1:1	REV A0	.xx±0.35 .x°±3.0°		.x±0.30 .x°±2.0°		CHECKED BY: Elvis.Song			
TEL: +86 400 1048 018		WEB: WWW.WOHU-TEK.COM		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	

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
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		R(9,10-6,7)	25mΩ MAX	
		R(5-4)	85mΩ 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 12W		

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℃.