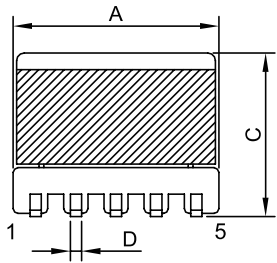
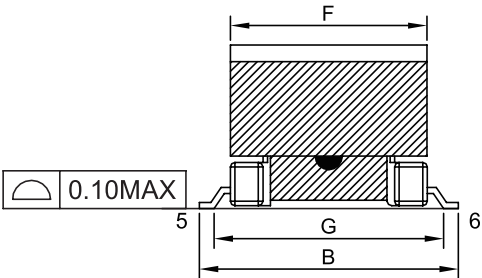


REACH & RoHS
COMPLIANT

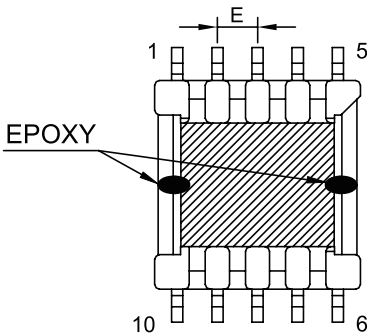
1. OUTLINE DIMENSION:(UNIT:mm)/外形尺寸（单位：mm）



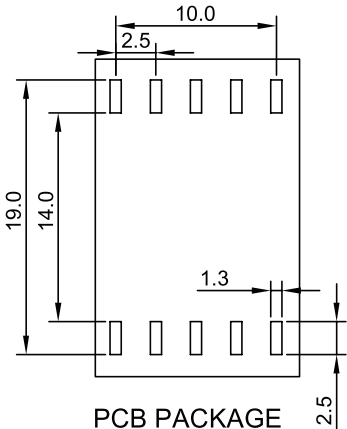
ELEVATION



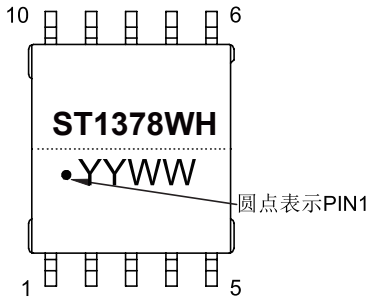
SIDE VIEW



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.产品含浸.
 - 7.产品顶部印标签,要求激光镭射.

A	B	C	D	E	F	G
15.5MAX	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

TITLE:
变压器/TRANSFORMER

PART NO.:
ST1378WH

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°

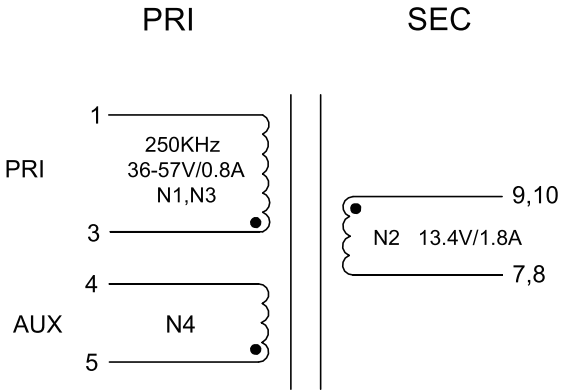
APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

REACH & RoHS
COMPLIANT

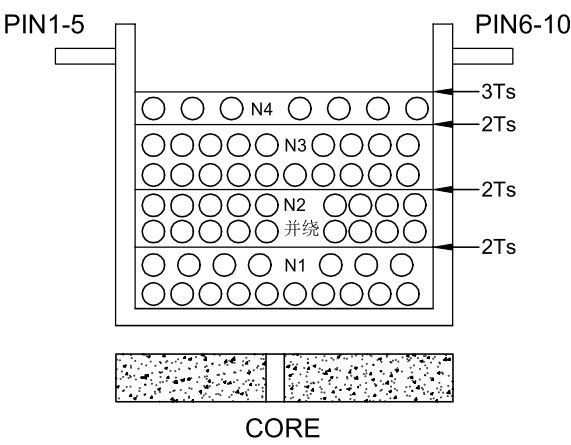
2. CIRCUIT DIAGRAM/电气原理图



● DOTTED TERMINAL/同名端

PIN7,8 & PIN9,10 分别在PCB上短接在一起


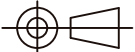
3. CONSTRUCTION DIAGRAM/内部结构图





4.WINDING INFORMATION 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 Ø0.28*2P	20Ts	2Ts	密绕/CLOSE
N2	/	/	9,10--7,8	2UEW-H Ø0.32*4P	10Ts	2Ts	并绕, 密绕 BIFILAR, CLOSE
N3	/	/	3--1	2UEW-H Ø0.28*2P	20Ts	2Ts	密绕/CLOSE
N4	/	/	5--4	2UEW-H Ø0.20	9Ts	3Ts	散绕/SPACE

- 1.N1绕组交叉.
2.所有绝缘胶带用高温胶带.

 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.: ST1378WH		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

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									
5.1		INDUCTANCE 电感		L (3--1)		42uH±10%		CHROMA3250(100Ω) 250KHz/0.1V AT 25℃									
5.2		LEAKAGE INDUCTANCE 漏感		LK(3-1) SHORT OTHER PINS		1uH MAX		CHROMA3250(100Ω) 250KHz/0.1V AT 25℃									
5.3		DCR 直流电阻		R(3-1)		55mΩ MAX		TH2511 AT25℃									
				R(9,10-7,8)		22mΩ MAX											
				R(5-4)		210mΩ 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℃		应用于频段100-300KHz Between-20℃ to 80℃ test inductance and resistance on the basis of 25℃, The variation shall not exceed 20%.									
5.7		STORAGE TEMPERATURE				-40℃ TO 125℃											
L0A		+0.42A		+0.67A		+0.80A		+1.0A		+1.2A		+1.4A					
41.91		41.74		41.69		41.52		41.46		41.34		41.13					
 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.: ST1378WH				SACLE 1:1		REV A0		x±0.35 .x±0.30		x°±3.0° .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			