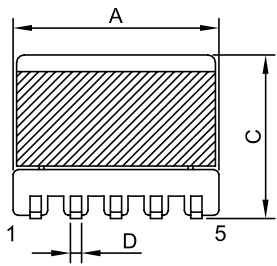
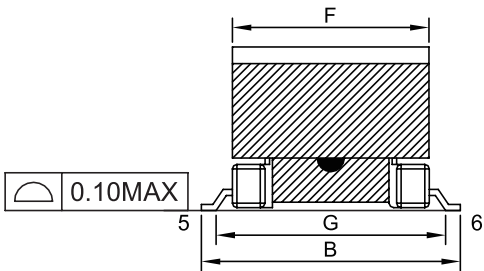


REACH & RoHS
COMPLIANT

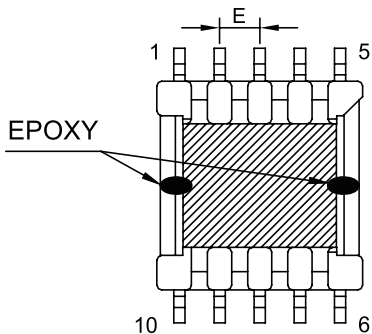
1. OUTLINE DIMENSION:(UNIT:mm)/外形尺寸（单位：mm）



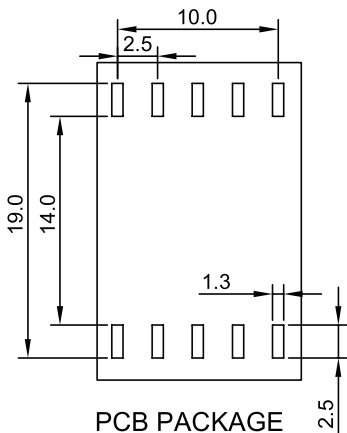
ELEVATION



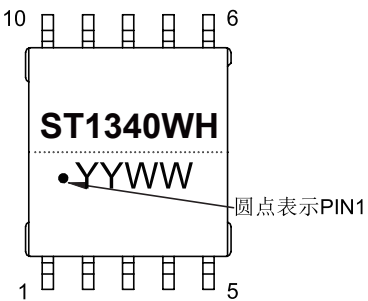
SIDE VIEW



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	12.3MAX	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.:
ST1340WH

REMARK:

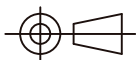
SIZE
A4

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>1</div><div>N4</div><div>2</div><div>N1</div><div>3</div><div>AUX</div><div>4</div><div>N3</div><div>5</div></div><div>SEC</div><div>9,10</div><div>N2</div><div>7,8</div><div>● START</div></div>				<div><div>PIN1-5</div><div><div>N4</div><div>N3</div><div>N2并绕</div><div>N1</div></div><div>PIN6-10</div><div>2Ts</div><div>2Ts</div><div>2Ts</div><div>2Ts</div><div>CORE</div></div>																																																			
PIN7,8 & PIN9,10 分别在PCB上短接在一起																																																							
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 TURNS</th><th rowspan="2">绝缘胶带 TAPE 8mm</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>3--2</td><td>2UEW-H Ø0.22*2P</td><td>10Ts</td><td>2Ts</td><td>散绕/SPACE</td></tr><tr><td rowspan="2">N2</td><td>/</td><td>/</td><td>9--7</td><td>2UEW-H Ø0.22*2P</td><td>10Ts</td><td rowspan="2">2Ts</td><td rowspan="2">并绕, 密绕+散绕 BIFILAR, CLOSE+SPACE</td></tr><tr><td>/</td><td>/</td><td>10--8</td><td>2UEW-H Ø0.22*2P</td><td>10Ts</td></tr><tr><td>N3</td><td>/</td><td>/</td><td>5--4</td><td>2UEW-H Ø0.22*1P</td><td>9Ts</td><td>2Ts</td><td>散绕/SPACE</td></tr><tr><td>N4</td><td>/</td><td>/</td><td>2--1</td><td>2UEW-H Ø0.22*2P</td><td>10Ts</td><td>2Ts</td><td>散绕/SPACE</td></tr></table>									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--2	2UEW-H Ø0.22*2P	10Ts	2Ts	散绕/SPACE	N2	/	/	9--7	2UEW-H Ø0.22*2P	10Ts	2Ts	并绕, 密绕+散绕 BIFILAR, CLOSE+SPACE	/	/	10--8	2UEW-H Ø0.22*2P	10Ts	N3	/	/	5--4	2UEW-H Ø0.22*1P	9Ts	2Ts	散绕/SPACE	N4	/	/	2--1	2UEW-H Ø0.22*2P	10Ts	2Ts	散绕/SPACE
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1	2	3	4	5	6	7	8																																																

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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)	56uH±10%	CHROMA3250(100Ω) 40KHz/0.1V AT 25℃
5.2	LEAKAGE INDUCTANCE 漏感	LK(3-1) SHORT OTHER PINS	1.0uH MAX	CHROMA3250(100Ω) 40KHz/0.1V AT 25℃
5.3	DCR 直流电阻	R(3-1)	300mΩ MAX	TH2511 AT25℃
		R(9,10-7,8)	80mΩ MAX	
		R(5-4)	400mΩ 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℃	

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

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