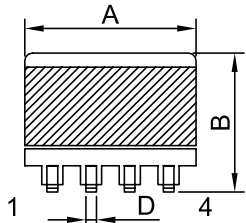
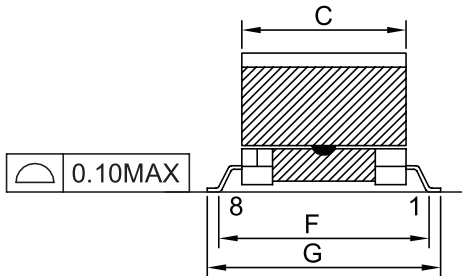


REACH & RoHS
COMPLIANT

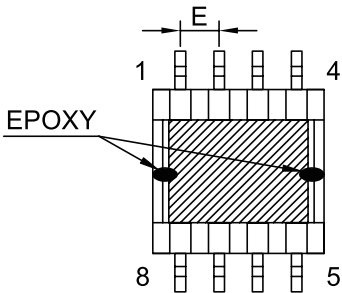
1. OUTLINE DIMENSION:(UNIT:mm)/外形尺寸（单位：mm）



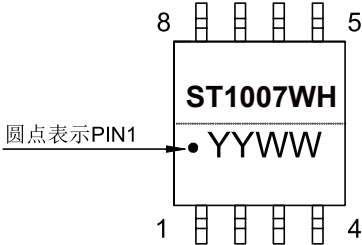
ELEVATION



SIDE VIEW



BOTTOM VIEW



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PIN1-4侧), 外包6mm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
13.0MAX	11.5MAX	12.0MAX	0.70±0.1	2.5±0.3	12.9±0.3	14.5±0.3

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TITLE:
变压器/TRANSFORMER

PART NO.:
ST1007WH

REMARK:

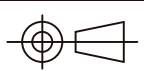
SIZE
A4

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

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 1 N1,N3 2 3 AUX 4 N4 SEC 7,8 N2 5,6 ● START PIN5,6 & PIN7,8分别在PCB上短接在一起.								PIN1-4 PIN5-8 2Ts 1Ts 2Ts 2Ts N4 N3 N2 N1 CORE							
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 6mm	备注 REMARK							
		PIN1-4 SIDE	PIN5-8 SIDE												
N1		/	/	1--2	2UEW-H Ø0.18	41Ts	2Ts	密绕+散绕/CLOSE+SPACE							
N2		/	/	5,6--7,8	2UEW-H Ø0.28*2P	20Ts	2Ts	密绕+散绕/CLOSE+SPACE							
N3		/	/	1--2	2UEW-H Ø0.18	41Ts	1Ts	密绕+散绕/CLOSE+SPACE							
N4		/	/	4--3	2UEW-H Ø0.18	12Ts	2Ts	散绕/SPACE							
									1.N1绕组交叉.						
									2.所有绝缘胶带用高温胶带.						
TITLE: 变压器/TRANSFORMER					SIZE A4		UNITS MM[INCH]		GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song				
PART NO.: ST1007WH					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	

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 (1-2)	116uH±10%	CHROMA3250(100Ω) 100KHz/1V AT 25℃
2	LEAKAGE INDUCTANCE 漏感	LK(1-2) SHORT OTHER PINS	3uH MAX	CHROMA3250(100Ω) 100KHz/1V AT 25℃
3	DCR 直流电阻	R(1-2)	350mΩ MAX	TH2511 AT25℃
		R(5,6-7,8)	75mΩ MAX	
		R(4-3)	300mΩ MAX	
4	HI-POT 抗电强度	PRI-SEC	AC1000V	CHROMA19053 1mA 3SEC 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	OPERATING TEMPERATURE (INCLUDING SELF TEMPERATURE RISE)		-40℃ TO 125℃	
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%.