

# Specification for Approval

## 产品承认书

**Customer:**

**Customer P/N:**

**VOOHU P/N:**

WHST060xxA0 Series

**Version No.:**

V0.1

**Description:**

10 BASE-TX

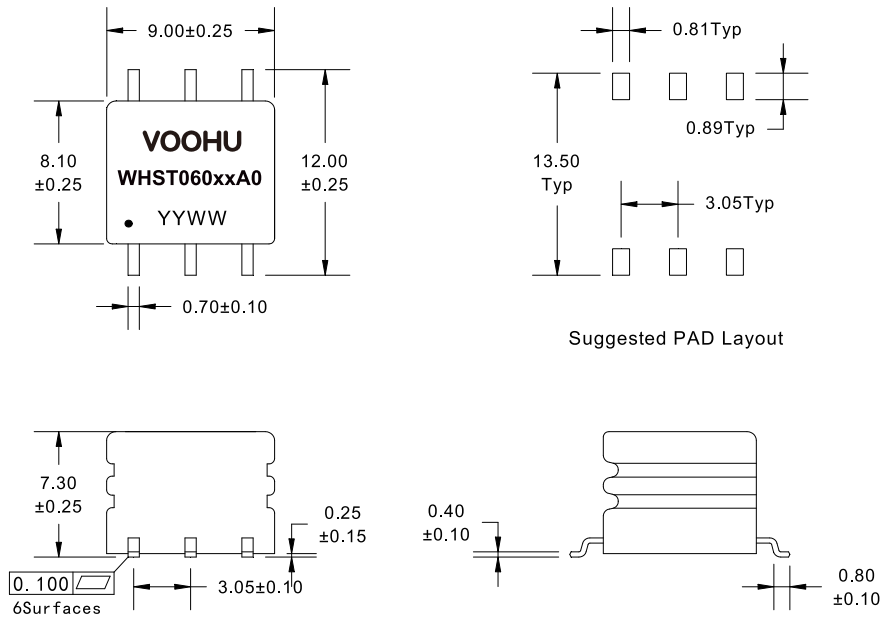
Gate-Drive Application

SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
<b>DRAWN</b>	Geoffrey.Song	
<b>CHECKED</b>	Sunny.Xu	
<b>APPROVED</b>	Elvis. Song	
日期DATE:2026/4/30		日期DATE: 2026/4/30

Please Return One Copy to Us After Approved,TKs! (承认后请回寄一份,谢谢)

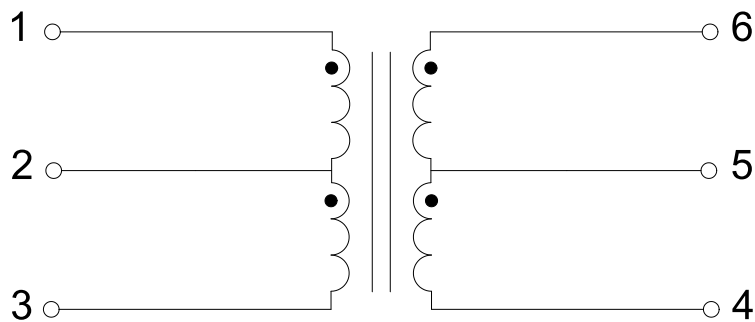


**A. MECHANICAL(unit:mm)**



Note: "xx" means different turns ratio. Detail see Part Numble list.

**B. Schematics**



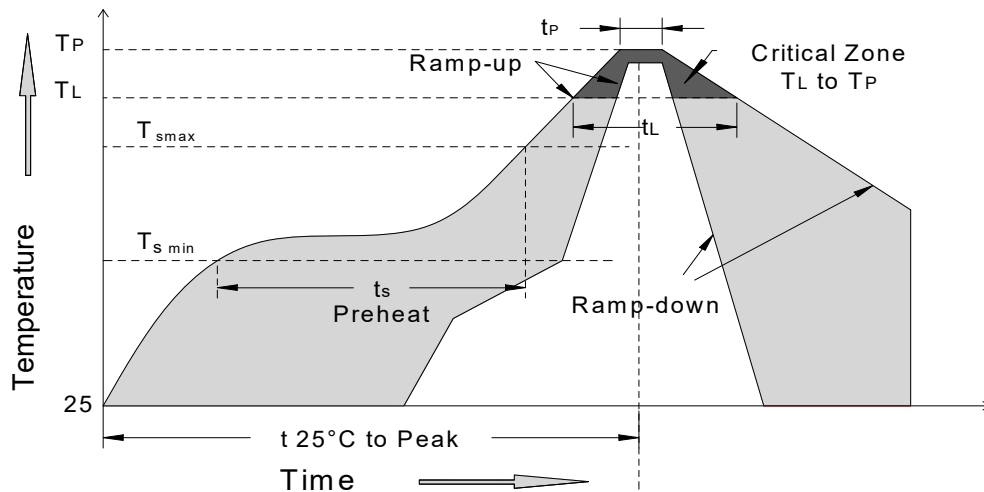
DESCRIPTION	PART NO.	REV:R0
10 BASE-TX	WHST060xxA0 Series	PAGE:2/4

**C. ELECTRICAL SPECIFICATIONS @25°C**

Electrical Specifications @ 25°C							
Part Number	Inductance (Pin1-3) $\mu\text{H} \pm 35\%$	Leakage Inductance (1-3) with (4-6) shorted $\mu\text{H MAX}$	Capacitance (Pri to Sec) pF Max	DCR (1-3) $\text{m}\Omega$	DCR (6-4) $\text{m}\Omega$	MAX (1-3) (V- $\mu\text{sec Max}$ )	Turns Ratio (1:3):(6:4)
WHST06001A0	538	1.0	20	700	700	24	1:1
WHST06002A0	538	1.0	30	700	900	24	1:2
WHST06003A0	538	1.0	15	700	400	24	2:1
WHST06032A0	680	1.0	30	700	900	27	3:4
WHST06005A0	680	1.0	30	700	900	27	3:5
WHST06006A0	538	1.5	30	700	900	27	3:8
WHST06007A0	538	1.0	20	700	700	24	4:3
WHST06008A0	538	2.0	15	700	400	24	8:3
WHST06021A0	538	1.0	30	700	900	24	8:9
WHST06010A0	538	1.0	30	700	900	24	1:1.7

Note:

1. Inductance measured at 100kHz, 100mVrms
2. 4KVrms Isolation (550Vrms Continuous)
3. Operating temperature  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
4. Storage temperature  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
5. 8mm minimum creepage & clearance distance between PRI&SEC
6. Meet Reinforced Insulation (IEC62368-1)

**D. RECOMMEND WAVE SOLDERING CURVE**


MSL:

Grade: 1 level. Floor life: 0.5 year Condition:  $\leq 30^{\circ}\text{C}/60\%\text{RH}$ .

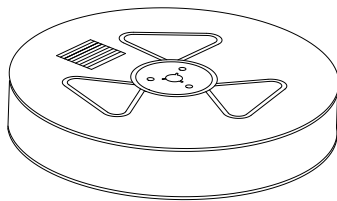
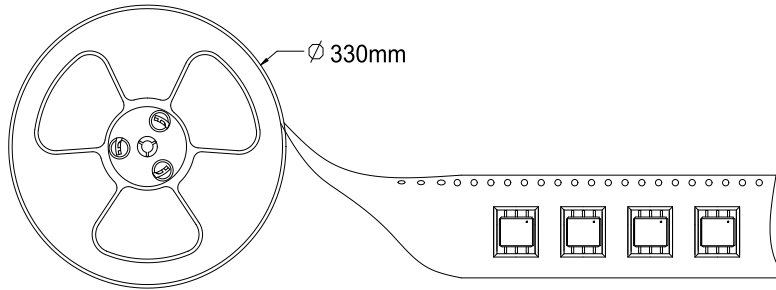
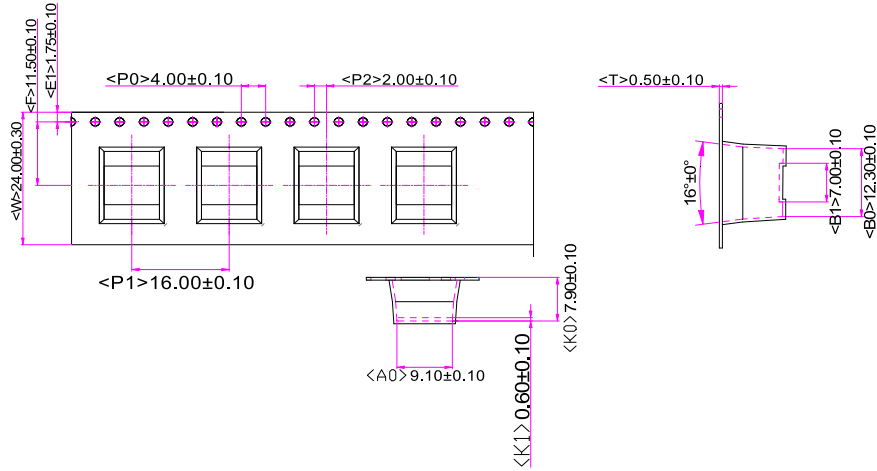
Ramp up rate =  $3^{\circ}\text{C}/\text{s}$  max Ramp down rate =  $6^{\circ}\text{C}/\text{s}$  max

$T_L = 217^{\circ}\text{C}$   $t_L = 60\text{s} - 150\text{s}$   $T_p = 250 \pm 3^{\circ}\text{C}$  Time within  $\pm 3^{\circ}\text{C}$  of actual Peak Temperature ( $t_p$ ): 20~40s

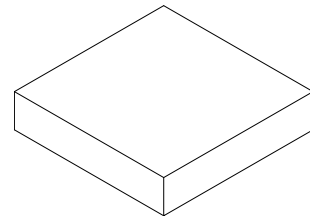
$T_{s \text{ min}} = 150^{\circ}\text{C}$   $T_{s \text{ max}} = 200^{\circ}\text{C}$   $T_{s \text{ min}}$  to  $T_{s \text{ max}}$ : 60s-180s, 25°C to peak Temperature: 8minutes max

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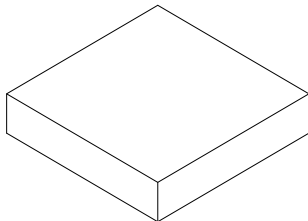
**E. Packaging specification**



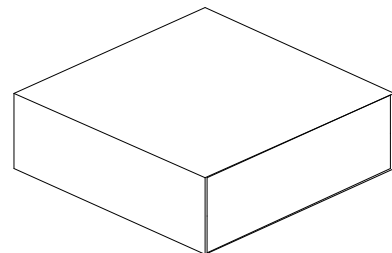
Three Reel



Inner Carton



Two Inner Carton



Export Carton

Package Quantity:

One Reel=500Pcs

One Inner Carton=500\*3=1500Pcs

One Export Carton=1500\*2=3000Pcs

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