

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)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2025/3/23		日期DATE: 2025/3/23

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

VOOHU 沃虎
选沃虎 · 真靠谱

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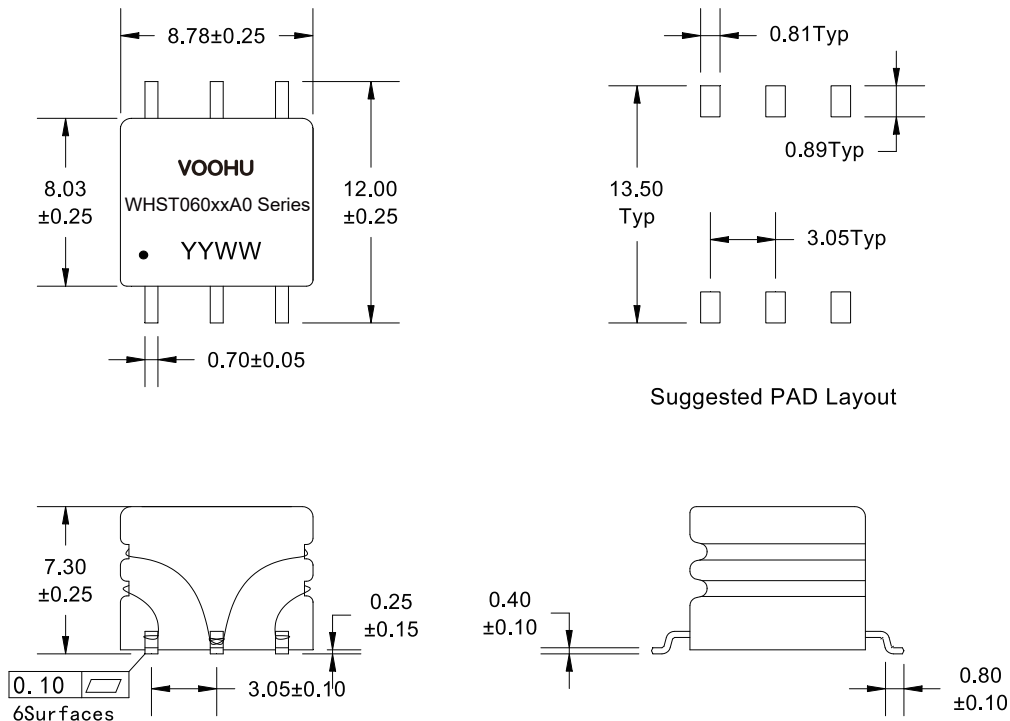
TEL: 400 1048 018 WEB: www.wohu-tek.com/
+86 13338655578 E-MAIL: wohu@wohu-tek.com

Revision History

[illegible]

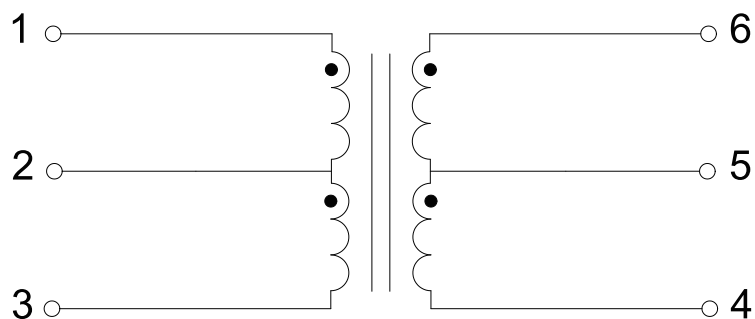
DESCRIPTION	PART NO.	REV:R0
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A. MECHANICAL(unit:mm)



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

B. Schematics



DESCRIPTION	PART NO.	REV:R0
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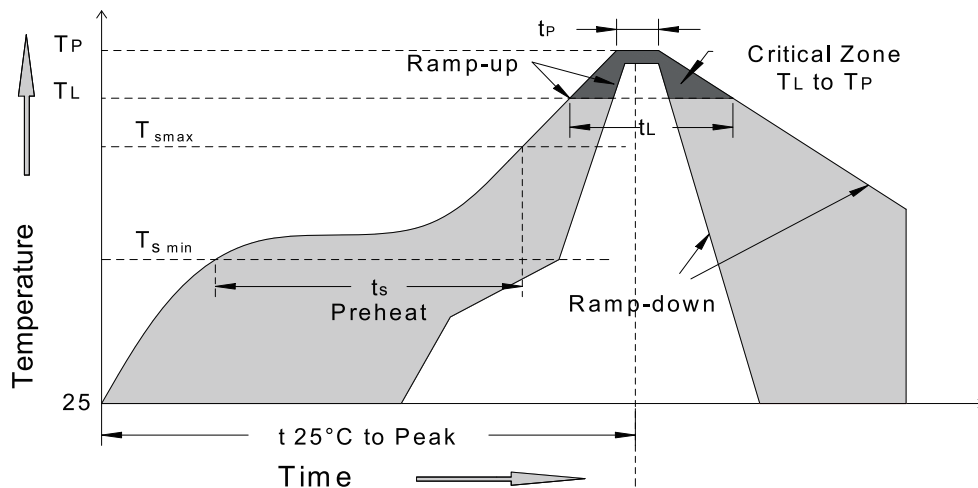
C. ELECTRICAL SPECIFICATIONS @25°C

Electrical Specifications @ 25°C							
Part Number	Inductance (Pin1-3) uH ±35%	Leakage Inductance (1-3) with (4-6) shorted uH MAX	Capacitance (Pri to Sec) pF Max	DCR (1-3) mΩ	DCR (6-4) mΩ	MAX (1-3) (V-μsec Max)	Turns Ratio (1:3):(6:4)
WHST06001A0	538	0.8	20	750	750	24	1:1
WHST06002A0	538	0.6	30	750	1300	24	1:2
WHST06003A0	538	1.6	15	1300	750	24	2:1
WHST06032A0	680	0.6	30	750	900	27	3:4
WHST06005A0	680	0.7	30	750	1200	27	3:5
WHST06006A0	538	0.7	30	750	1500	27	3:8
WHST06007A0	538	0.8	20	900	750	24	4:3
WHST06008A0	538	2.0	15	1500	750	24	8:3
WHST06021A0	538	0.6	30	750	1000	24	8:9
WHST06010A0	538	0.6	30	750	1200	24	1:1.7

Note:

1. Inductance measured at 100kHz, 100mVrms
2. 4kVrms Isolation (550Vrms Continuous)
3. Operating temperature -40°C to +125°C
4. Storage temperature -40°C to +125°C
5. Reinforced Insulation, 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: ≤30°C/60%RH.

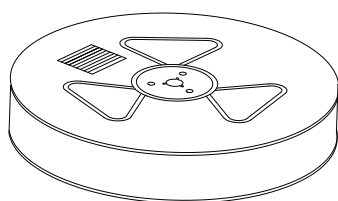
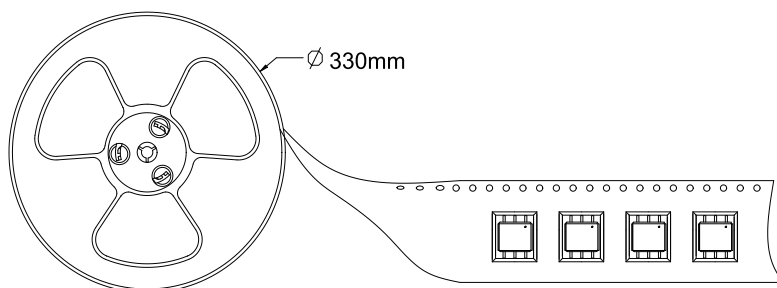
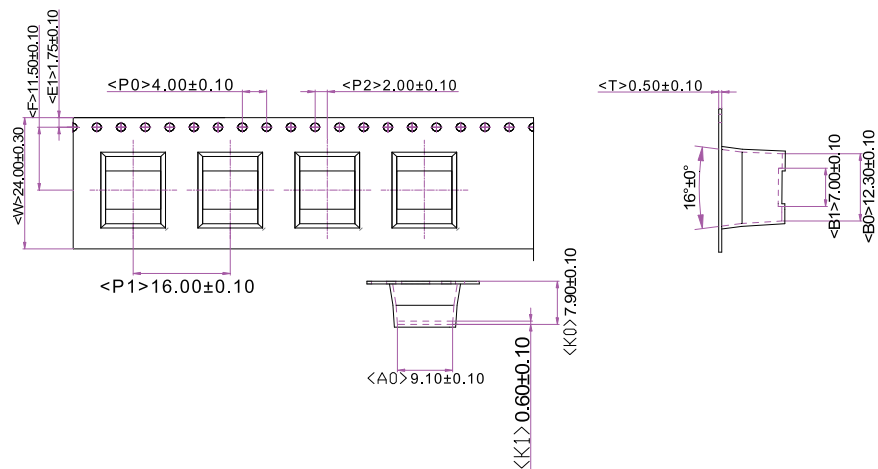
Ramp up rate=3°C/s max Ramp down rate=6°C/s max

TL=217°C tL=60s-150s Tp=250±3°C Time within 5°C of actual Peak Temperature (tp): 20~40s

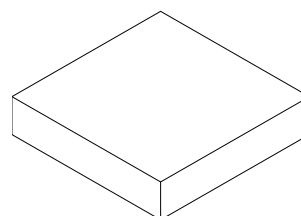
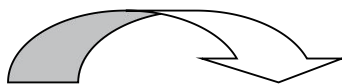
Ts min=150°C Ts max=200°C Ts min to Ts max: 60s-180s, 25°C to peak Temperature: 8minutes max

DESCRIPTION	PART NO.	REV:RO
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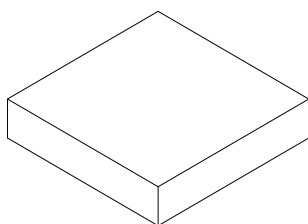
E. Packaging specification



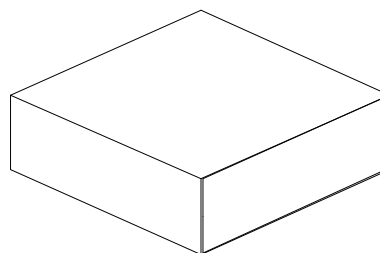
Three Reel



Inner Carton



Two Inner Carton



Export Carton

Package Quantity:

One Reel=500Pcs

One Inner Carton=500*3=1500Pcs

One Export Carton=1500*2=3000Pcs

DESCRIPTION	PART NO.	REV:RO
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