

# Specification for Approval

## 产品承认书

**Customer:**

**Customer P/N:**

**VOOHU P/N:**

WHST06D05E0

**Version No.:**

V0.1

**Description:**

Push-Pull Transformer

Gate-Drive Application

1.75CT:1CT

| SUZHOU VOOHU Company Approval |               | Customer Approval<br>(客户承认签章) |
|-------------------------------|---------------|-------------------------------|
| <b>DRAWN</b>                  | Geoffrey.Song |                               |
| <b>CHECKED</b>                | Sunny.Xu      |                               |
| <b>APPROVED</b>               | Elvis. Song   |                               |
| 日期DATE:2025/9/17              |               | 日期DATE: 2025/9/17             |

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

**VOOHU 沃虎**  
造沃虎·真靠谱

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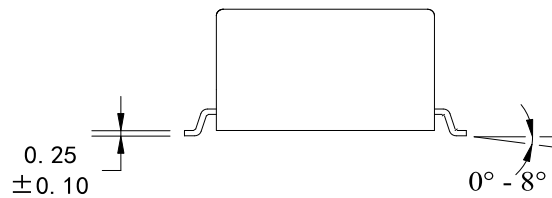
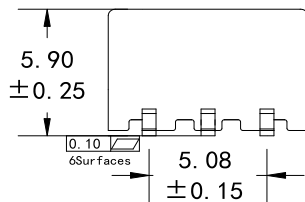
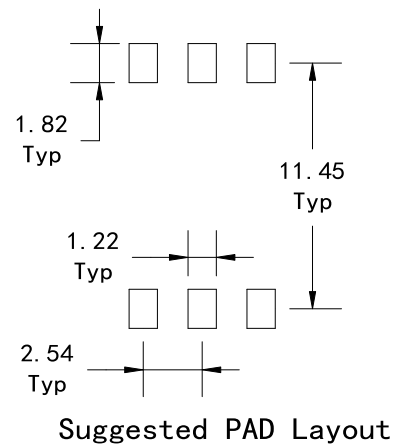
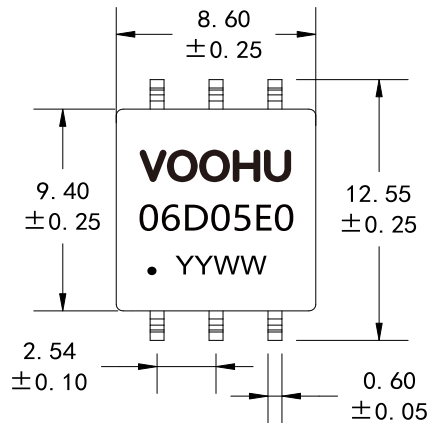
+86 13338655578

E-MAIL: wohu@wohu-tek.com

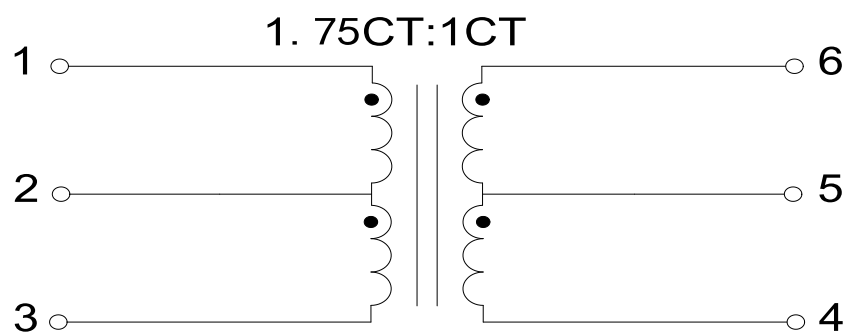
[illegible]

|                       |             |          |
|-----------------------|-------------|----------|
| DESCRIPTION           | PART NO.    | REV:R0   |
| Push-Pull Transformer | WHST06D05E0 | PAGE:1/5 |

## A. MECHANICAL(unit:mm)



## B. SCHEMATICS



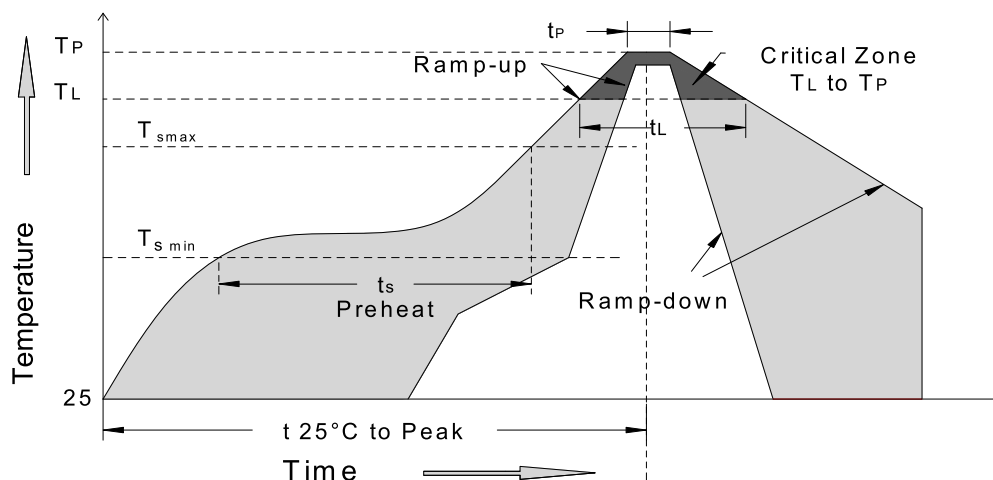
| DESCRIPTION           | PART NO.    | REV:R0   |
|-----------------------|-------------|----------|
| Push-Pull Transformer | WHST06D05E0 | PAGE:2/5 |

### C. ELECTRICAL SPECIFICATIONS @25°C

Unless Otherwise Specified, Testing is Performed at 25°C ± 5°C

1. OCL (Pin1-3): 600uH Min @ 10 KHz, 0.1V @ 25°C
2. Leakage Inductance: 0.7uH Typ @ 1MHz, 0.1V
3. DCR(Pin1-3): 250mΩ Max  
DCR(Pin6-4): 125mΩ Max
4. Turns Ratio: (Pin1-3):(Pin6-4)=1.75CT:1CT±5%
5. Isolation Hipot: 2500VAC 1mA 60s
6. Operating temperature -40°C to +125°C
7. Storage Temperature(With Package): +10°C to +40°C
8. Storage Temperature(Without Package, Just For Components): -40°C to +125°C
9. RoHS Compliant

### D. RECOMMEND REFLOW 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

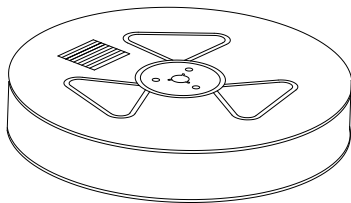
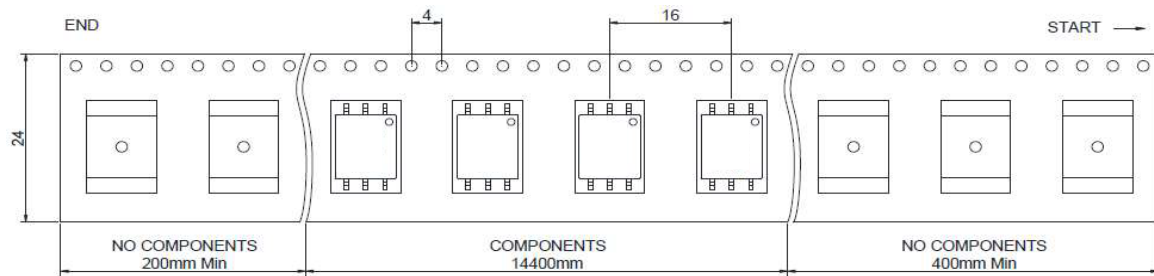
| DESCRIPTION           | PART NO.    | REV:R0   |
|-----------------------|-------------|----------|
| Push-Pull Transformer | WHST06D05E0 | PAGE:3/5 |

#### E. MATERIAL CERTIFICATE LIST

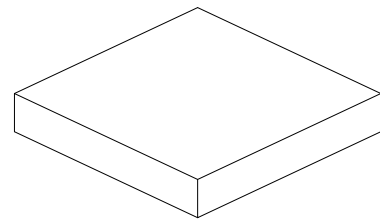
| NO | Item    | Materials |
|----|---------|-----------|
| 1  | CORE    | FERRITE   |
| 2  | WIRE    | FIW       |
| 3  | CASE    | WH9100    |
| 4  | PIN     | C5191     |
| 5  | SOLDER  | 100%BAR   |
| 6  | SILICON | RTV       |

|                       |             |          |
|-----------------------|-------------|----------|
| DESCRIPTION           | PART NO.    | REV:R0   |
| Push-Pull Transformer | WHST06D05E0 | PAGE:4/5 |

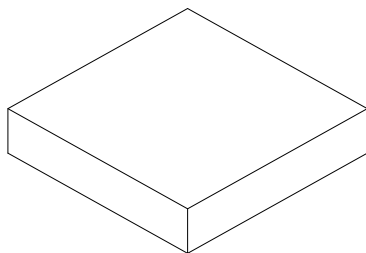
## F. PACKAGE INFORMATION



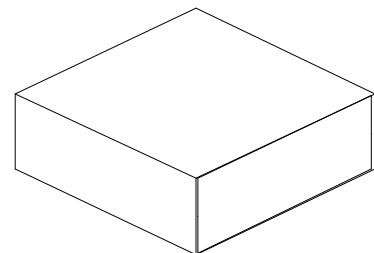
Two Reel



Inner Carton



Three Inner Carton



Export Carton

### Package Quantity:

One Reel=700Pcs

One Inner Carton=700\*2=1400Pcs

One Export Carton=1400\*3=4200Pcs

| DESCRIPTION           | PART NO.    | REV:R0   |
|-----------------------|-------------|----------|
| Push-Pull Transformer | WHST06D05E0 | PAGE:5/5 |