

# Specification for Approval

## 产品承认书

Customer:

Customer P/N:

VOOHU P/N:

Version No.:

Description:

WHST06202E0

V0.1

Transformer

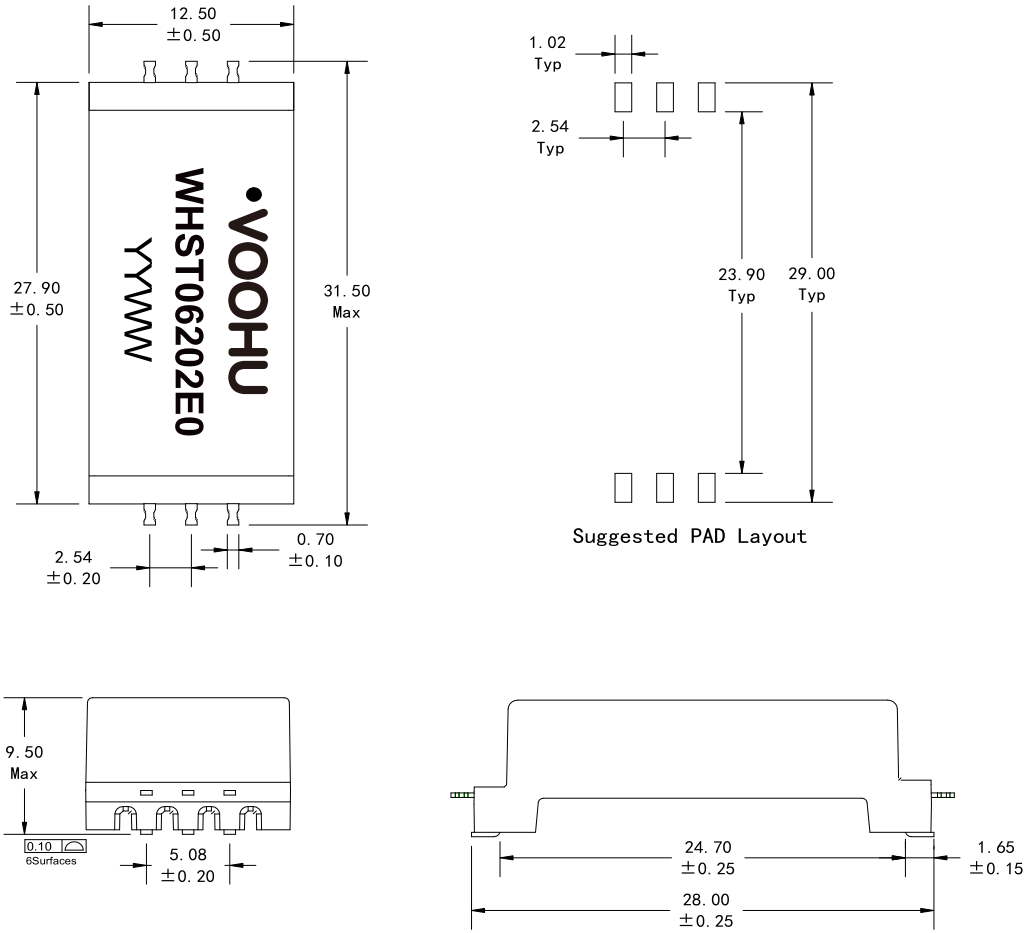
Meet AEC-Q200 Standard

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:2026/06/01		日期DATE: 2026/06/01

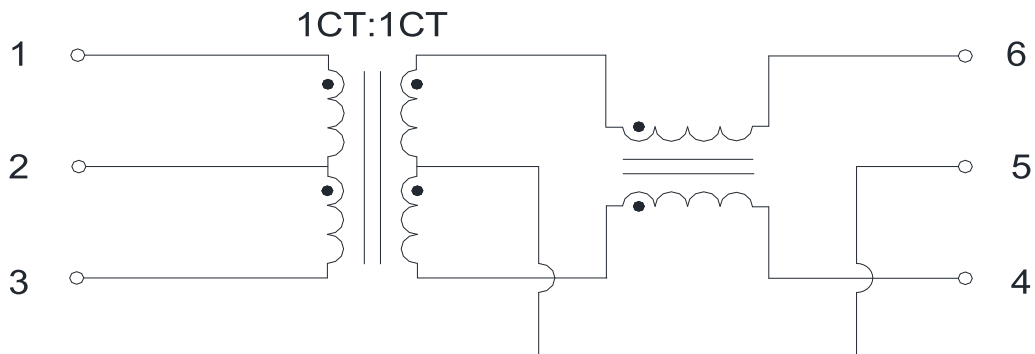
Please Return One Copy to Us After Approved,TKs! (承认后请回寄一份,谢谢)



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



**B. Schematics**

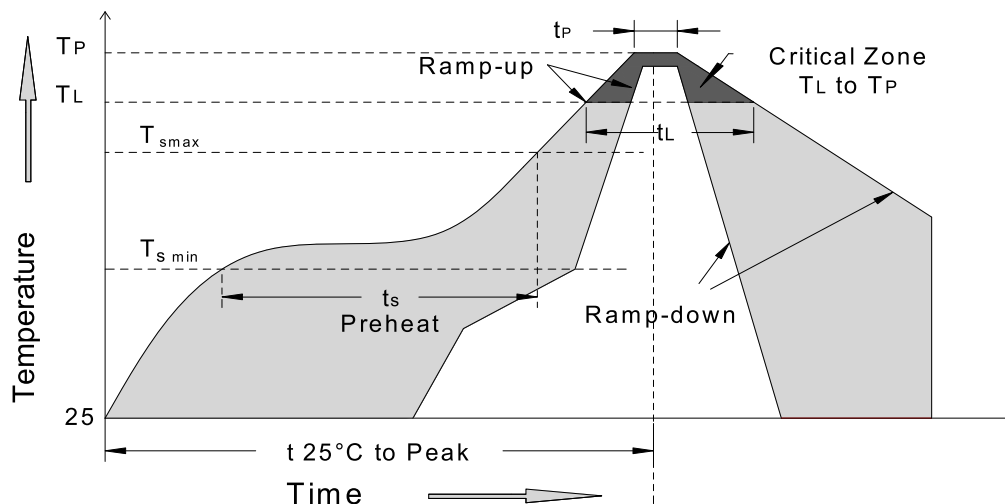


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### C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL(TD & RD): 150uH Min. @ 100 KHz, 0.1V(-40°C ~ +125°C)
2. Leakage Inductance(TD & RD, TX & RX shorted): 0.6uH Max @ 100KHz, 0.1V
3. DCR: Transformer side: 500mΩ Max  
CM choke side: 600mΩ Max
4. Turns Ratio: 1CT:1CT±2%
5. Insertion Loss: -1.0 dB Max @ 4 MHz
6. Return Loss: -20 dB Min @ 4 MHz
7. Common Mode Rejection: -30 dB Min @ 1-100 MHz
8. Isolation Hipot: 8000VDC 1mA 60S or 5600VAC 1mA 60s
9. Reinforced Insulation At a Working Voltage Of 1500VDC And The Creepage Distance Of 15mm Min And The clearance distance Of 14mm Min
10. Operating Temperature: -40°C to +125°C
11. Storage Temperature(With Package): +10°C to +40°C
12. Storage Temperature(Without Package, Just For Components): -40°C to +125°C
13. RoHS Compliant

### D. RECOMMEND REFLOW SOLDERING CURVE



MSL:

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

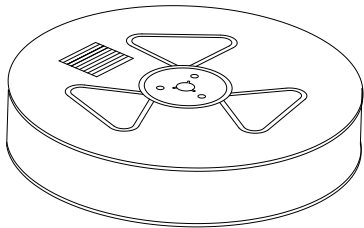
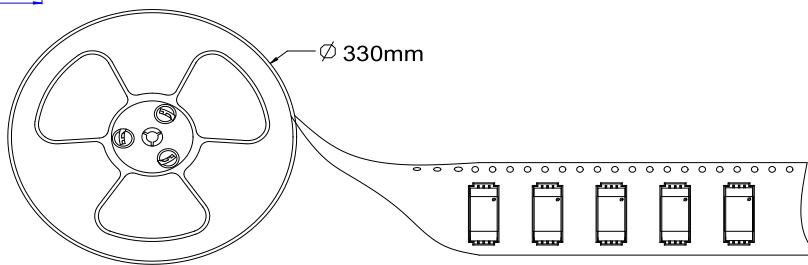
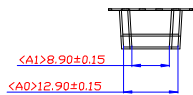
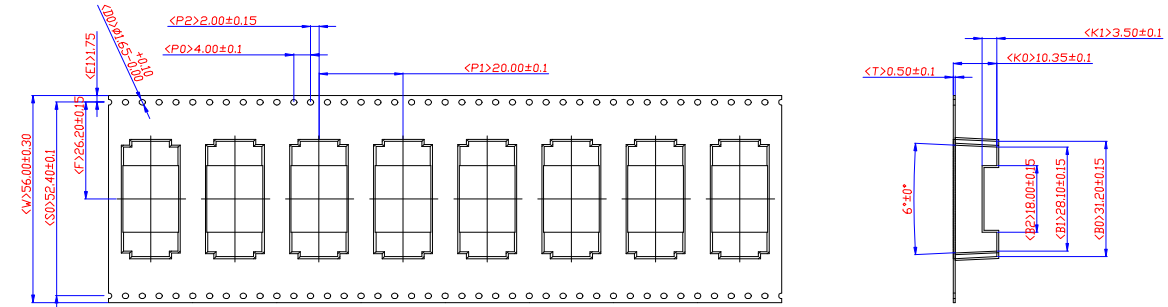
Ramp up rate=3°C/s max Ramp down rate=6°C/s max

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

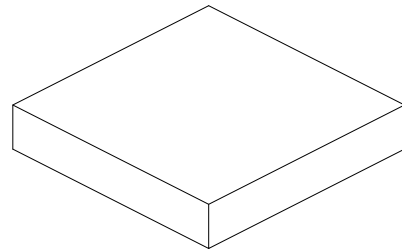
$T_{smin}=150^\circ\text{C}$   $T_{smax}=200^\circ\text{C}$   $T_{smin}$  to  $T_{smax}$ : 60s-180s, 25°C to peak Temperature: 8minutes max

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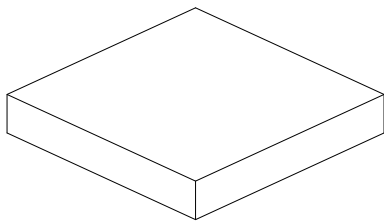
**E. Packaging specification**



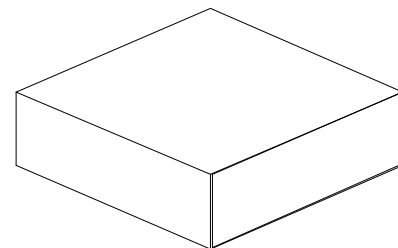
One Reel



Inner Carton



Five Inner Carton



Export Carton

Package Quantity:

One Reel=300Pcs

One Inner Carton=300\*1=300Pcs

One Export Carton=300\*5=1500Pcs

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