

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHST06202E0

Version No.:

V0.1

Description:

Transformer

Meet AEC-Q200 Standard

SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2026/1/07		日期DATE: 2026/1/07

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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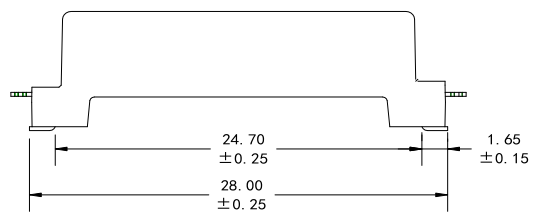
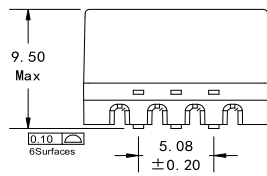
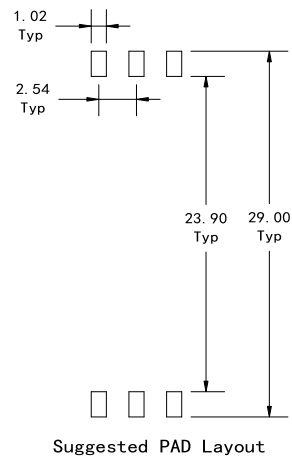
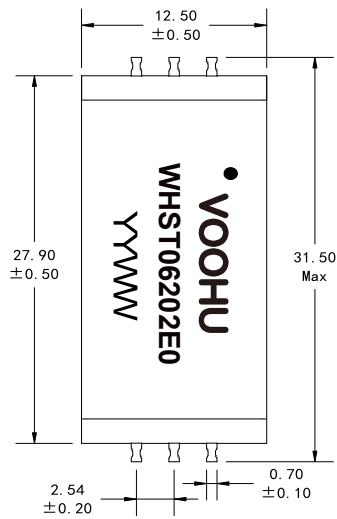
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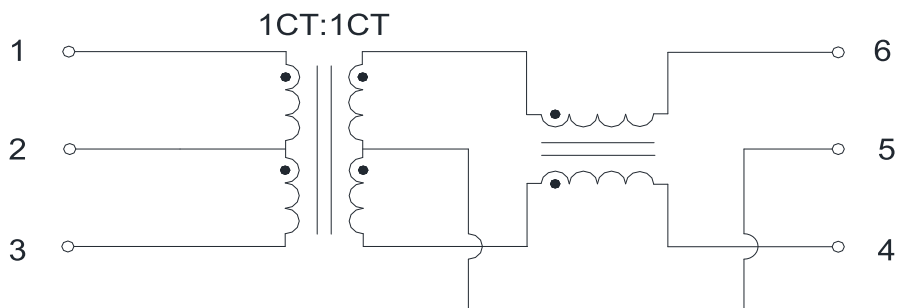
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A. MECHANICAL(unit:mm)



B. Schematics

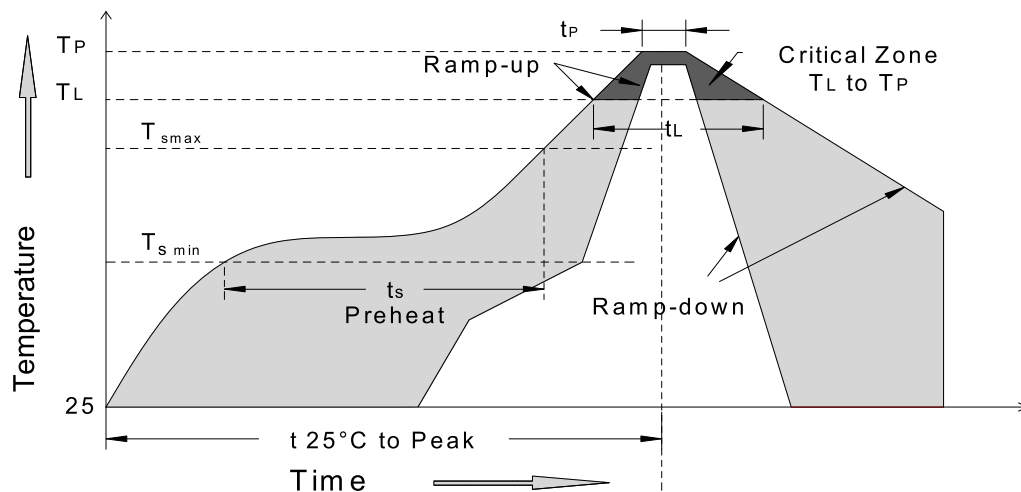


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C. ELECTRICAL SPECIFICATIONS @25°C

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: 6400VDC 1mA 60S or 5000VAC 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 WAVE SOLDERING CURVE



MSL:

Grade: 1 level. Floor life: 0.5 year Condition: ≤30°C/60%RH.

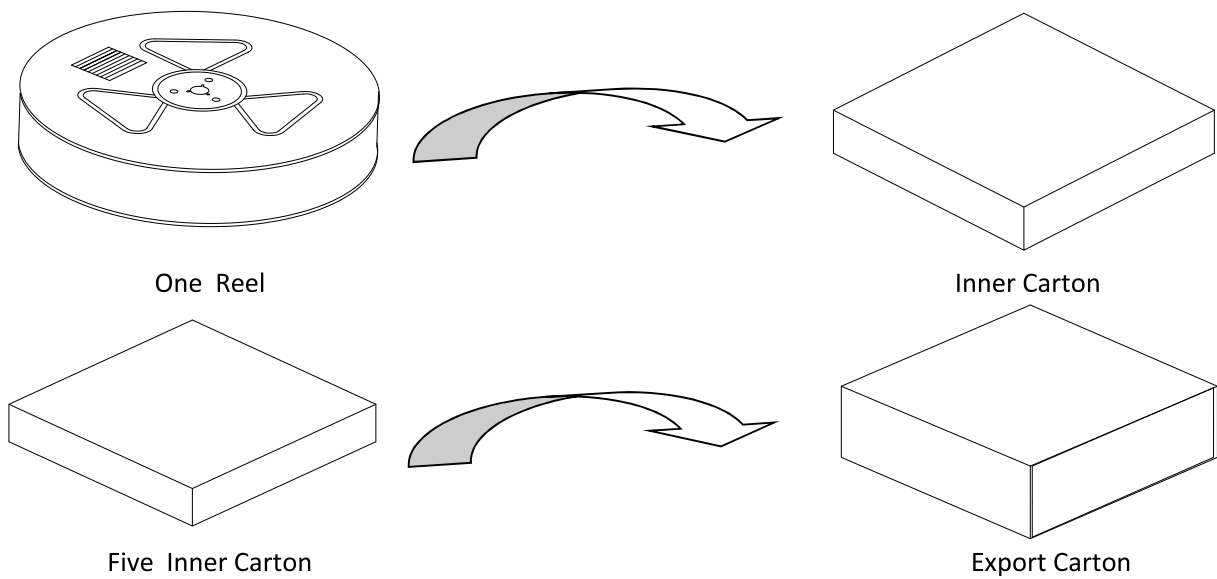
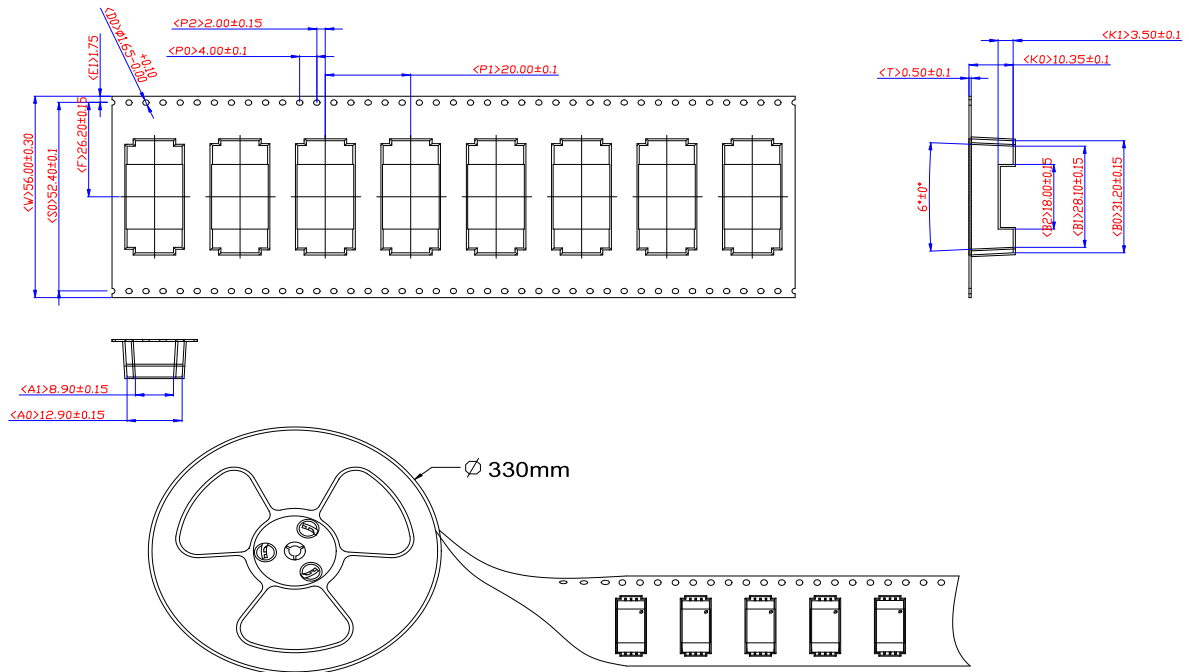
Ramp up rate=3°C/s max Ramp down rate=6°C/s max

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

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E. Packaging specification



Package Quantity:

One Reel=300Pcs

One Inner Carton=300*1=300Pcs

One Export Carton=300*5=1500Pcs

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