

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHST06L15A0

Version No.:

V0.1

Description:

Transformer

Meet AEC-Q200 Standard

BMS Application

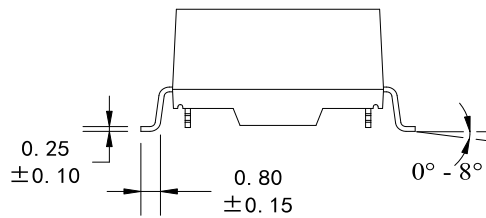
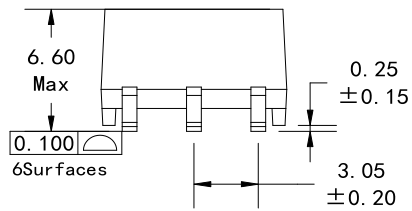
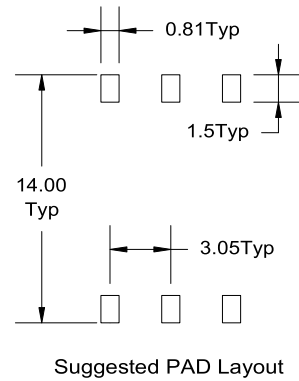
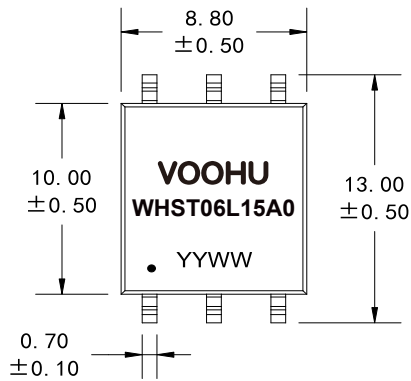
SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2025/8/28		日期DATE: 2025/8/28

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

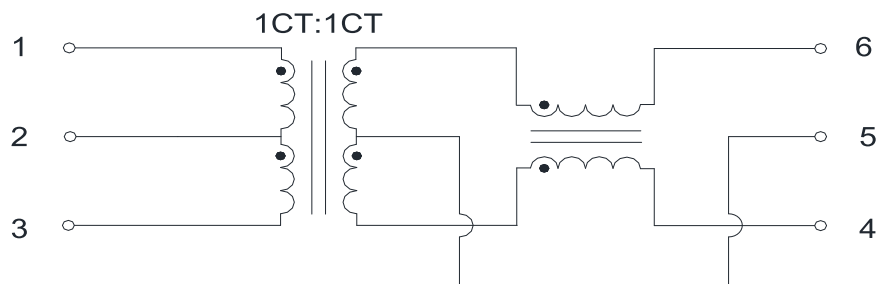
[illegible]

DESCRIPTION	PART NO.	REV:R0
Transformer	WHST06L15A0	PAGE:1/4

A. MECHANICAL(unit:mm)



B. SCHEMATICS



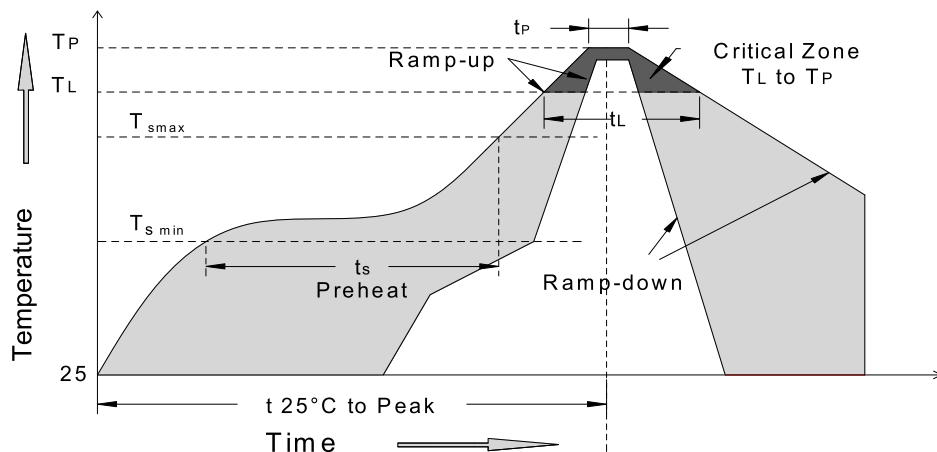
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C. ELECTRICAL SPECIFICATIONS @25°C

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

1. OCL: 150 uH Min @ 100 KHz, 0.1V
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: (1 to 3) 700mΩ Max
(6 to 4) 1000mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -0.5 dB Max @ 4 MHz
6. Return Loss: -20 dB Min @ 4 MHz
7. Common Mode Rejection: -35 dB Min @ 1-100 MHz
8. Isolation Hipot: 5000VDC 1mA 60s
9. Operating temperature -40°C to +125°C
10. Storage Temperature(With Package): +10°C to +40°C
11. Storage Temperature(Without Package, Just For Components): -40°C to +125°C
12. RoHS Compliant
13. Qualification: Meet AEC-Q200

D. RECOMMEND REFLOW SOLDERING CURVE



MSL:

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

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

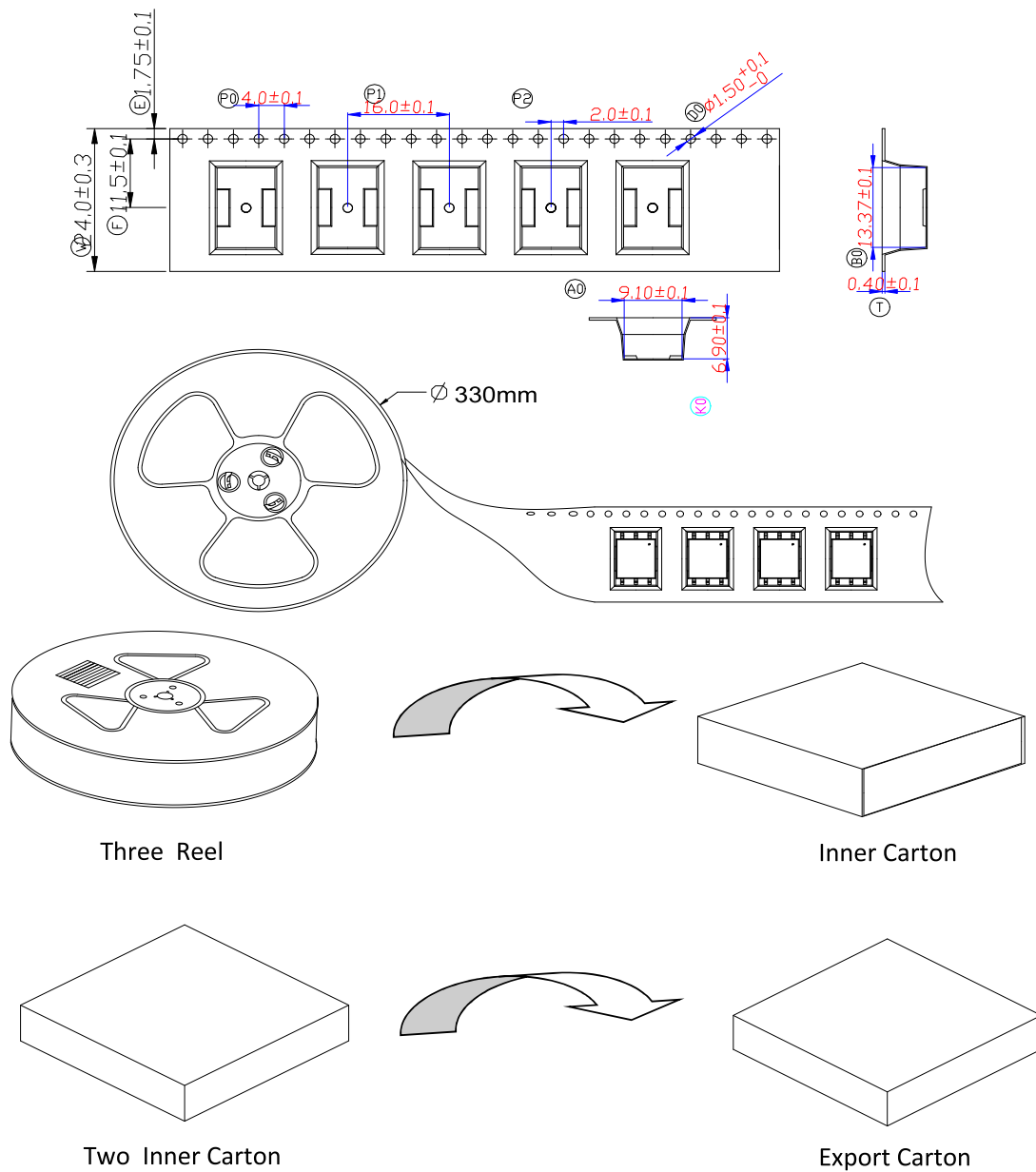
$T_L=217^\circ\text{C}$ $t_L=60\text{s}-150\text{s}$ $T_p=250\pm 3^\circ\text{C}$ Time within 5°C of actual Peak Temperature

(t_p): 20~40s

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

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E. PACKAGE INFORMATION



Package Quantity:

One Reel=550Pcs

One Inner Carton=550*3=1650Pcs

One Export Carton=1650*2=3300Pcs

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