

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHST12502A1

Version No.:

V0.1

Description:

10/100Base-TX

BMS Application

Meet AEC-Q200 Standard

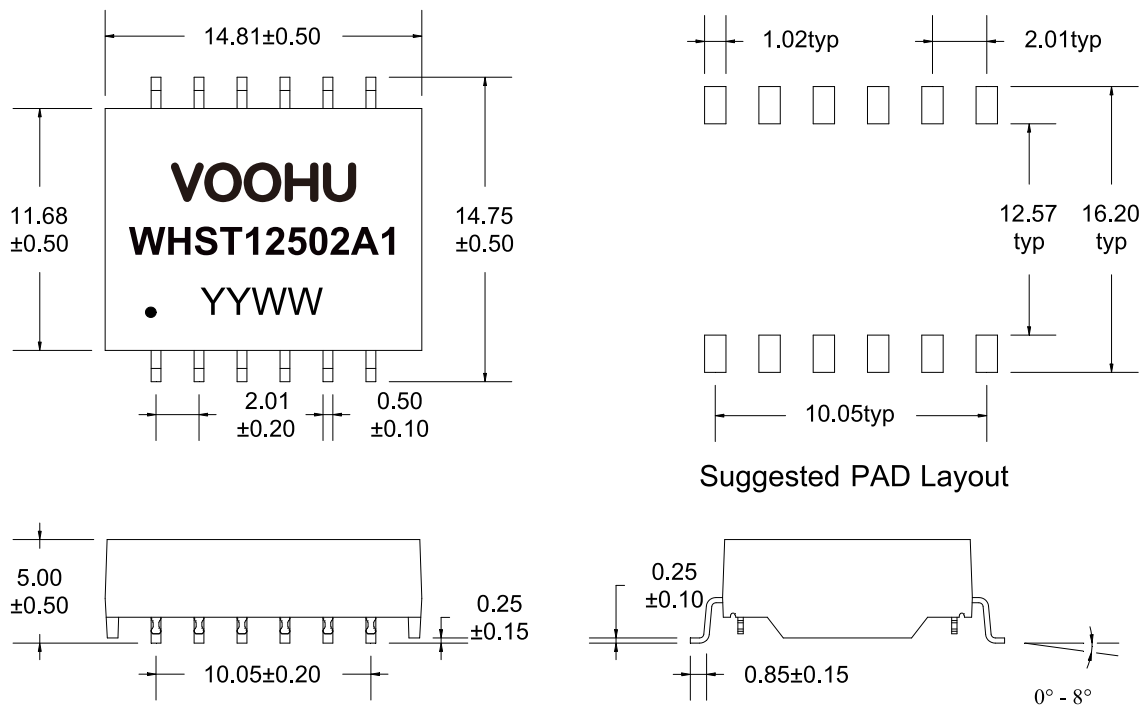
SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2026/2/02		日期DATE: 2026/2/02

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

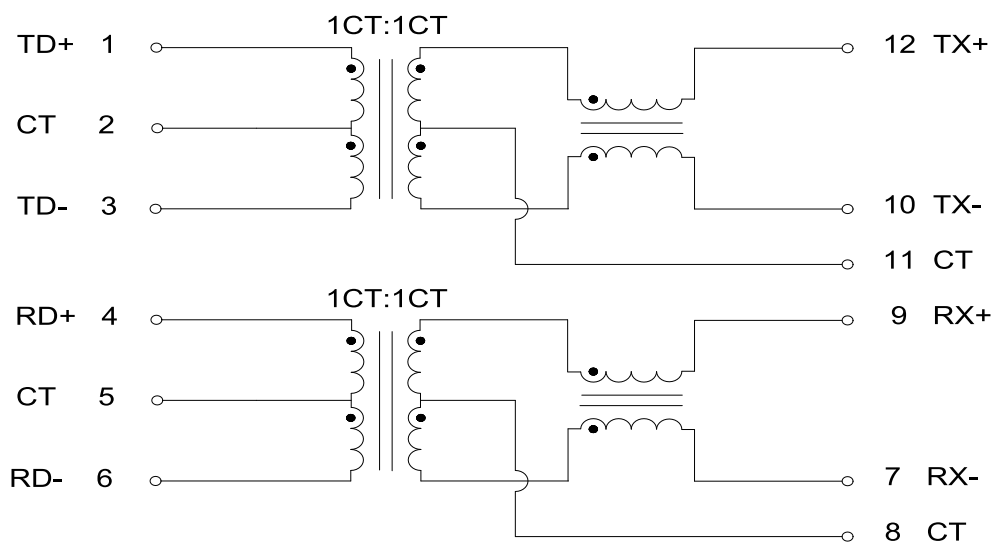
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A. MECHANICAL(unit:mm)



B. Schematics



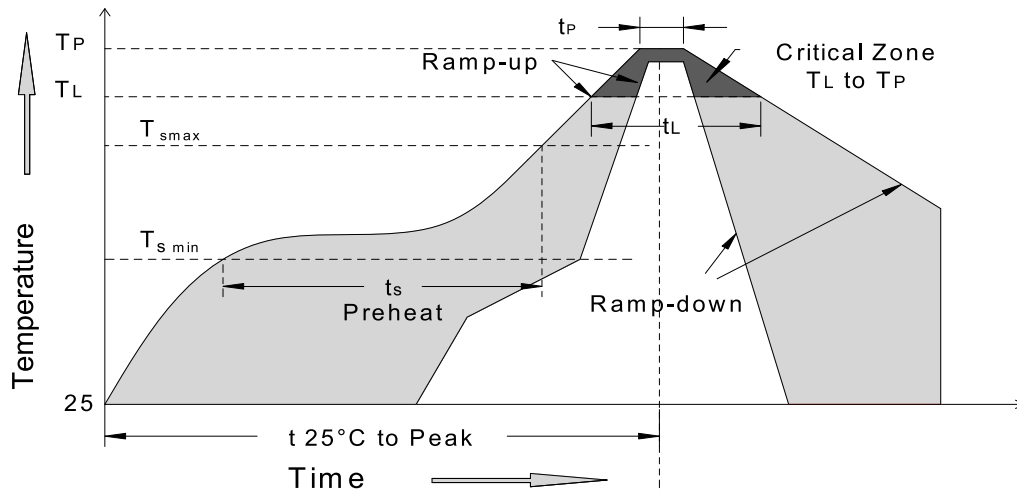
DESCRIPTION	PART NO.	REV:R0
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C. ELECTRICAL SPECIFICATIONS @25°C

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: Pri-750mΩ Max, Sec-1100mΩ Max
4. Turns Ratio: 1CT:1CT±2%
5. Insertion Loss: -0.4 dB Max @ 4 MHz
6. Return Loss: -20 dB Min @ 4 MHz
7. Cross Talk: -50 dB Min @ 4 MHz
8. CMRR: -35 dB Min @ 1-10 MHz
-20 dB Min @ 10-100 MHz
9. Isolation Hipot: 4300VDC 1mA 60S or 3700VAC 1mA 2S
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. Qualification: AEC-Q200

D. RECOMMEND REFLOW SOLDERING CURVE



MSL:

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

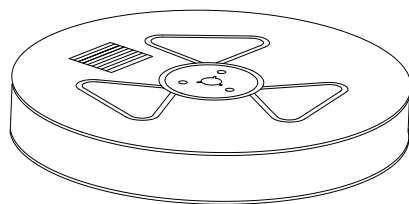
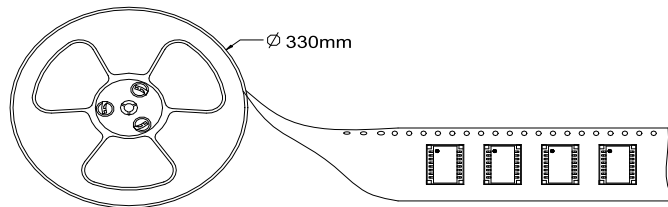
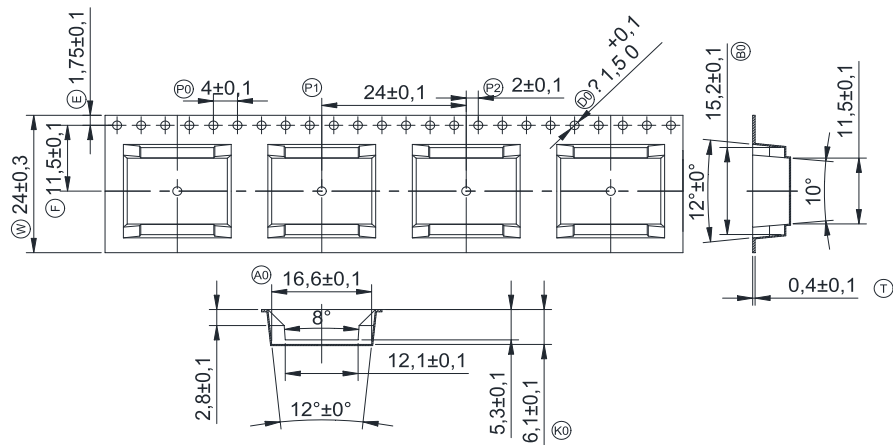
Ramp up rate=3°C/s max Ramp down rate=6°C/s max

$T_L=217^\circ\text{C}$ $t_L=60\text{s}-150\text{s}$ $T_P=250\pm 3^\circ\text{C}$ Time within 5°C of actual Peak Temperature (t_P): 20~40s

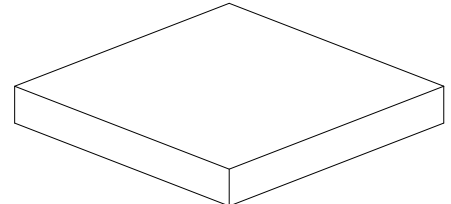
$T_{smin}=150^\circ\text{C}$ $T_{smax}=200^\circ\text{C}$ T_{smin} to T_{smax} : 60s-180s, 25°C to peak Temperature: 8minutes max

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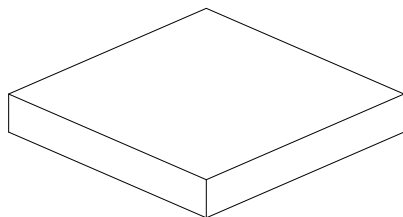
E. Packaging specification



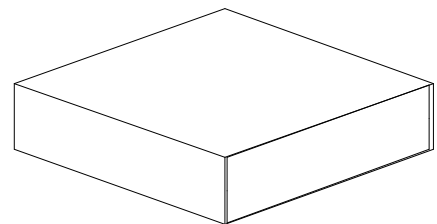
Three Reel



Inner Carton



Two Inner Carton



Export Carton

Package Quantity:

One Reel=300Pcs

One Inner Carton=300*3=900Pcs

One Export Carton=900*2=1800Pcs

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