

# Specification for Approval

## 产品承认书

Customer:

Customer P/N:

VOOHU P/N:

Version No.:

Description:

WHS24Z01C0

V0.1

100/1000 BASE-T

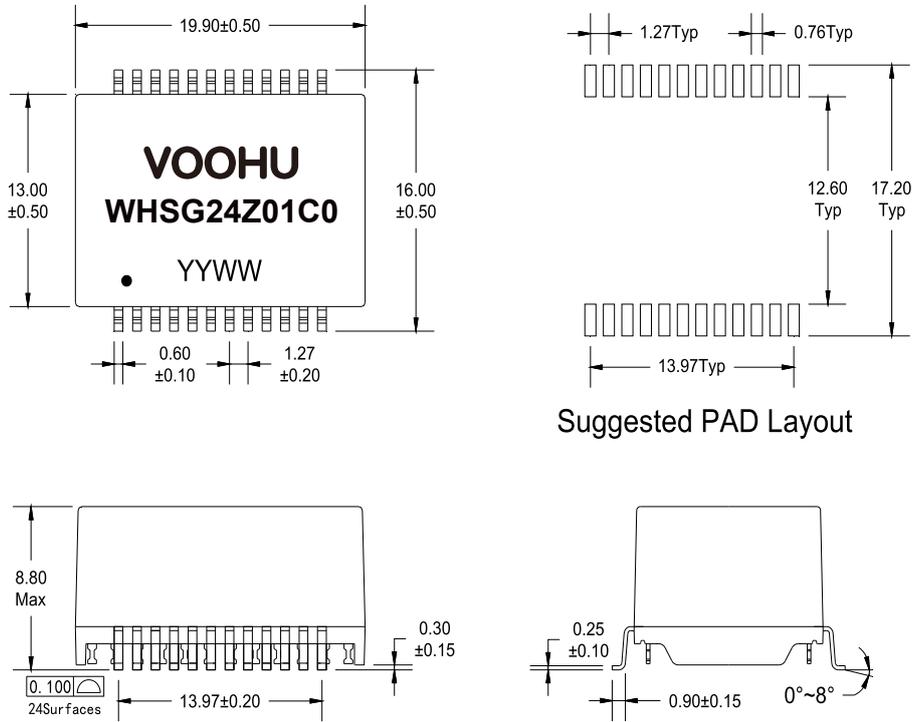
Laser Marking

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:2026/3/20		日期DATE: 2026/3/20

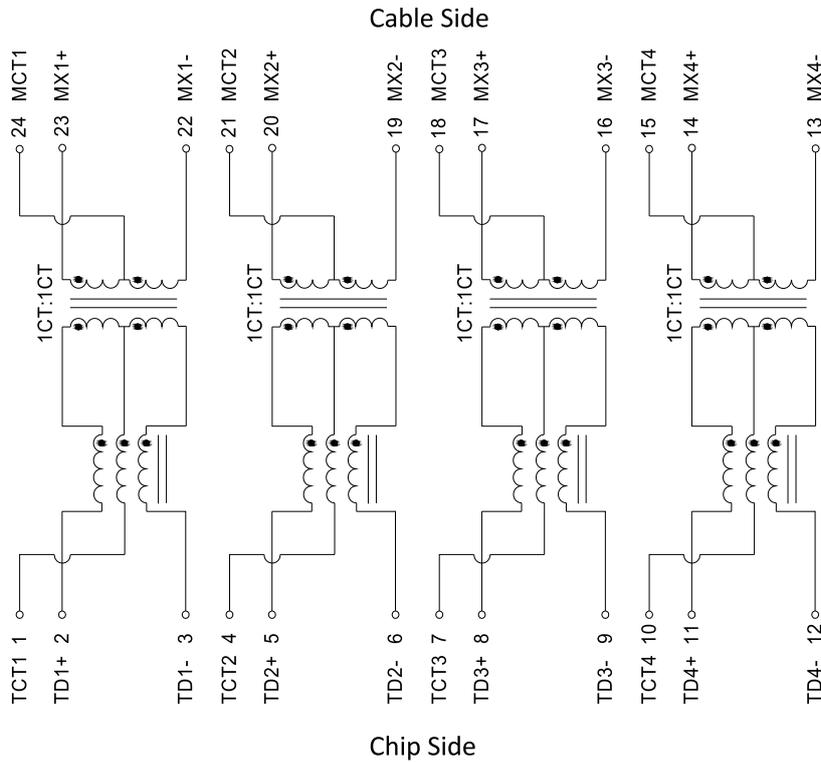
Please Return One Copy to Us After Approved,TKs! (承认后请回寄一份,谢谢)



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



**B. SCHEMATICS**



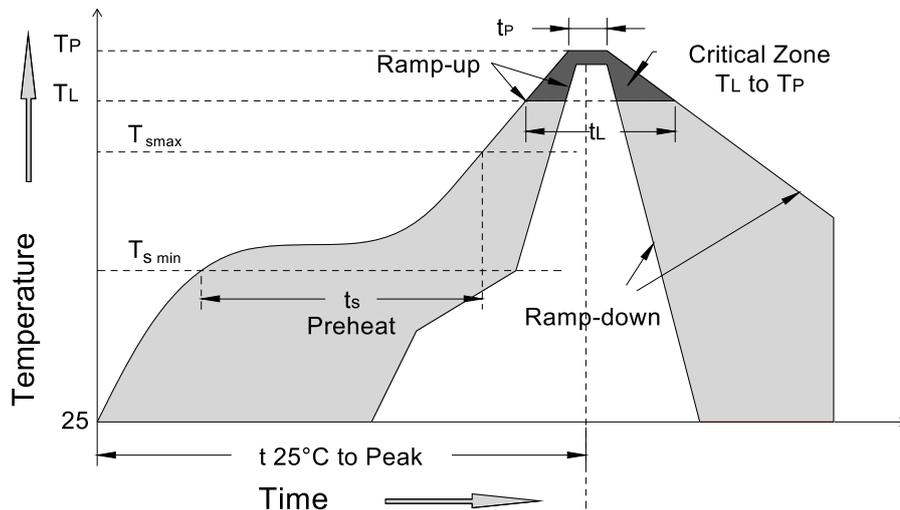
DESCRIPTION	PART NO.	REV:R0
100/1000 BASE-T	WHSG24Z01C0	PAGE:2/4

### C. ELECTRICAL SPECIFICATIONS @25°C

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

1. OCL: 180uH Min @ 100 KHz, 0.1V 35mA DC BIAS
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 1400mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.2 dB Max @ 0.5-1 MHz  
-0.2-0.002\*f<sup>1.4</sup> dB Max @ 1-125 MHz
6. Return Loss: -16 dB Min @ 1-40 MHz  
-10+20\*log(f/80) dB Min @ 40.1-100 MHz
7. Cross Talk: -30 dB Min @ 1-100 MHz
8. Common Mode Rejection: -30 dB Min @ 1-100 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
10. Operating temperature -40°C to +85°C(Included The Temperature Rise)
11. Storage temperature -40°C to +85°C
12. PoE Support: Each channel support 1.5A DC balance current Capability  
One gigabit Base-T(Full channels)port support 3.0A DC balance current Capability

### D. RECOMMEND REFLOW SOLDERING CURVE



MSL:

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

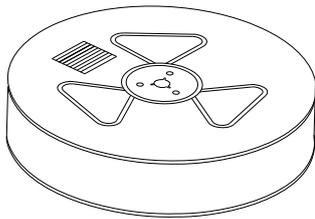
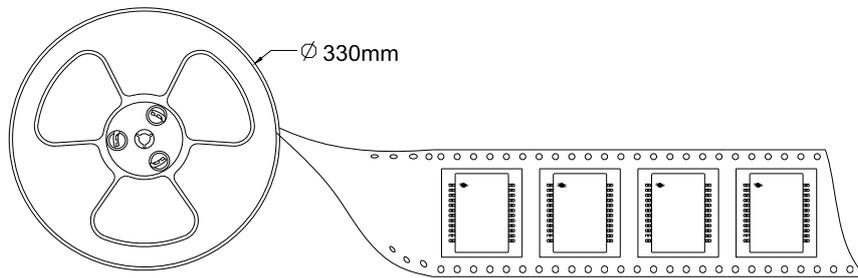
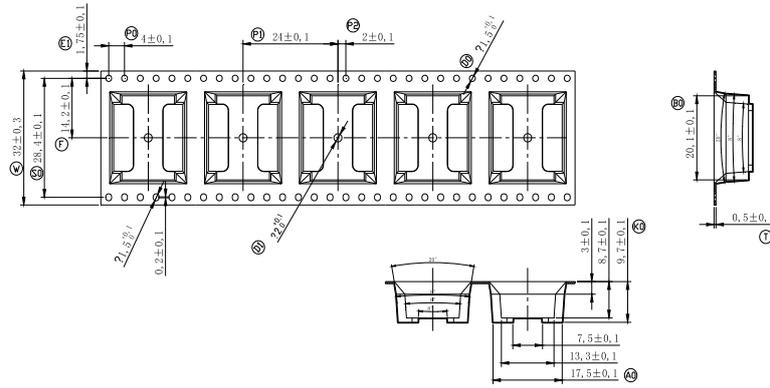
Ramp up rate=3°C/s max Ramp down rate=6°C/s max

TL=217°C tL=60s-150s Tp=250+/-3°C Time within 5°C of actual Peak Temperature (tp): 20~40s

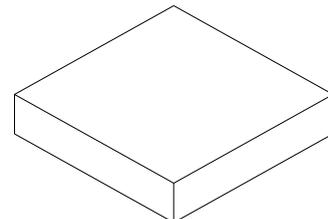
Ts min=150°C Ts max=200°C Ts min to Ts max: 60s-180s, 25°C to peak Temperature: 8minutes max

DESCRIPTION	PART NO.	REV:R0
100/1000 BASE-T	WHS24Z01C0	PAGE:3/4

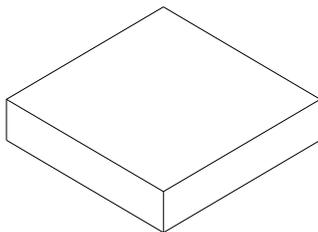
**E. PACKAGE INFORMATION**



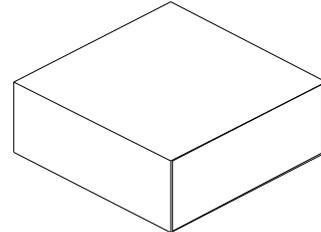
Two Reel



Inner Carton



Five Inner Carton



Export Carton

Package Quantity:

One Reel=250Pcs

One Inner Carton=250\*2=500Pcs

One Export Carton=500\*5=2500Pcs

DESCRIPTION	PART NO.	REV:R0
100/1000 BASE-T	WHS24Z01C0	PAGE:4/4