# Specification for Approval
# 产品承认书

| | |
|---|---|
| **Customer:** | |
| **Customer P/N:** | |
| **VOOHU P/N:** | WHSM24706C2 |
| **Version No.:** | V0.1 |
| **Description:** | 10G BASE-T |
| | Laser Marking |

| **SUZHOU VOOHU Company Approval** | | **Customer Approval (客户承认签章)** |
|---|---|---|
| **DRAWN** | Geoffrey.Song | |
| **CHECKED** | Sunny.Xu | |
| **APPROVED** | Elvis. Song | |
| 日期DATE:2026/08/21 | | 日期DATE: 2026/08/21 |

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

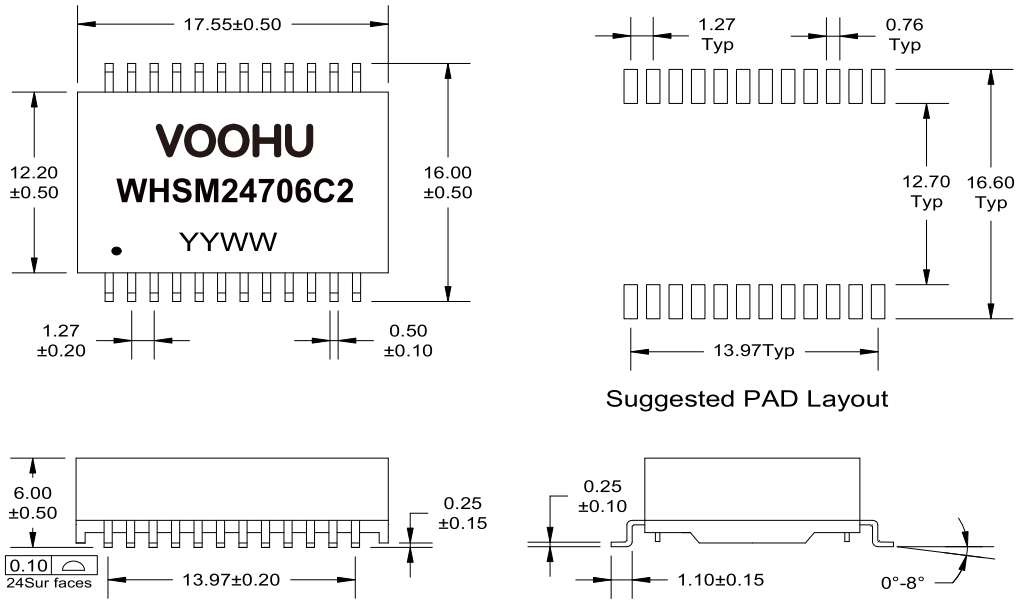
VOOHU 沃虎
选沃虎 · 真靠谱
苏州沃虎电子科技有限公司
SuZhou Voohu Electronic Tech.Co.,Ltd

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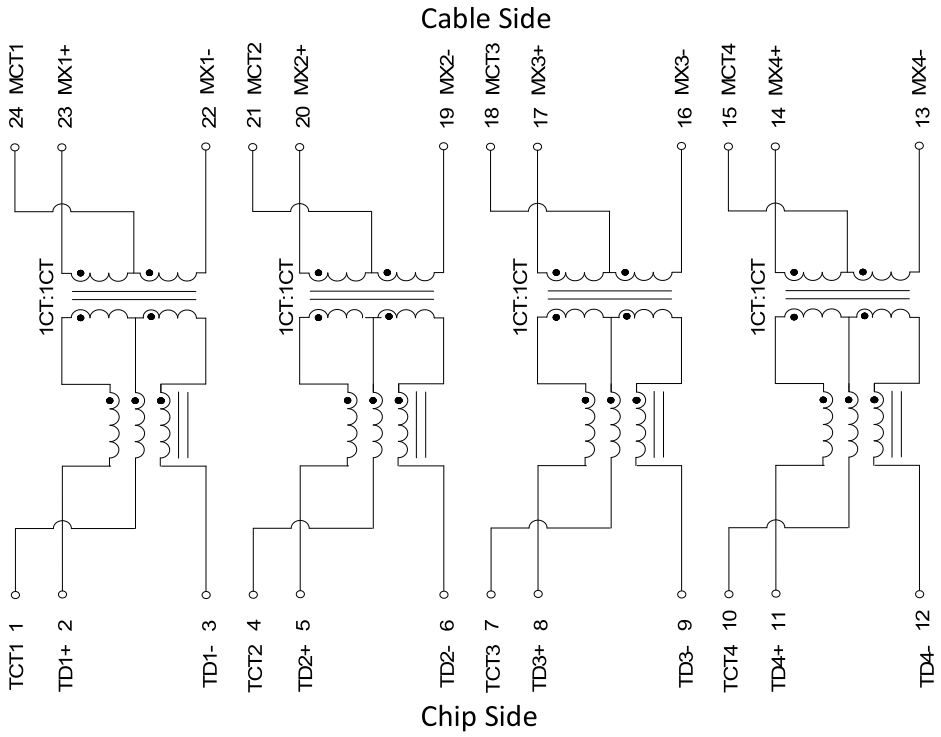
**Revision History**

| Revision | Changed Date | Request By | Change Content |
|---|---|---|---|
| V0.1 | 2026/08/21 | Arley | New Version Release |
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## A. MECHANICAL(unit:mm)




## B. SCHEMATICS

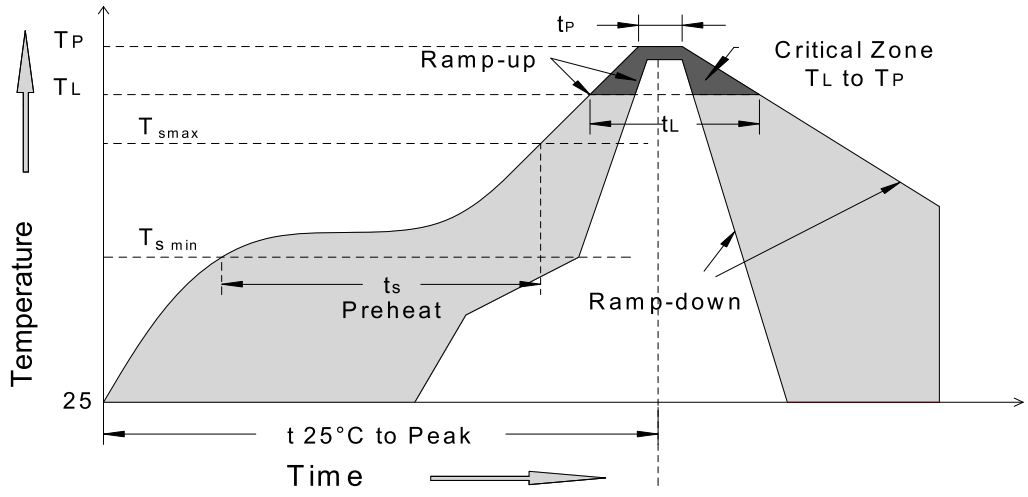


## C. ELECTRICAL SPECIFICATIONS @25°C

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

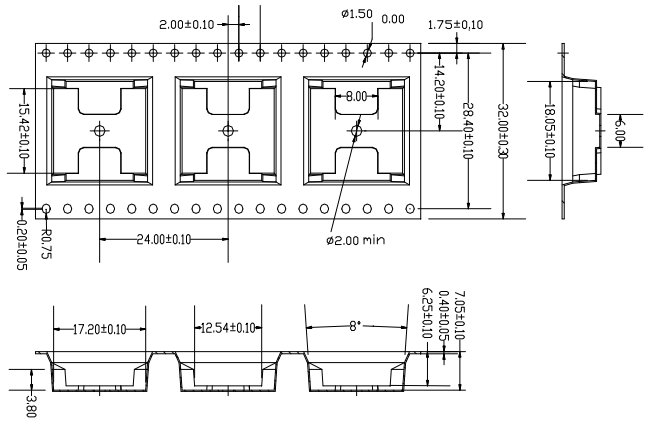
1. OCL: 100 uH Min @100KHz 100mV, 18mA DC BIAS
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 900mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.2dB max @ 1-200 MHz
   -1.5dB max @ 200-300 MHz
   -2.0dB max @ 300-400 MHz
   -3.0dB max @ 400-500 MHz
6. Return Loss: -18 dB Min @ 1-100 MHz
   -16 dB Min @ 100-200 MHz
   -12 dB Min @ 200-300 MHz
   -10 dB Min @ 300-400 MHz
   -8 dB Min @ 400-500 MHz
7. Cross Talk: -25 dB Typ @ 1-500 MHz
8. Common Mode Rejection: -25 dB Typ @ 1-500 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
10. Operating temperature -40℃ to +85℃(Inclued The Temperature Rise)
11. Storage temperature -40℃ to +85℃
12. PoE Support 90W： Each channel support 1000mA DC balance current，
    Full channels support 2000mA DC balance current.

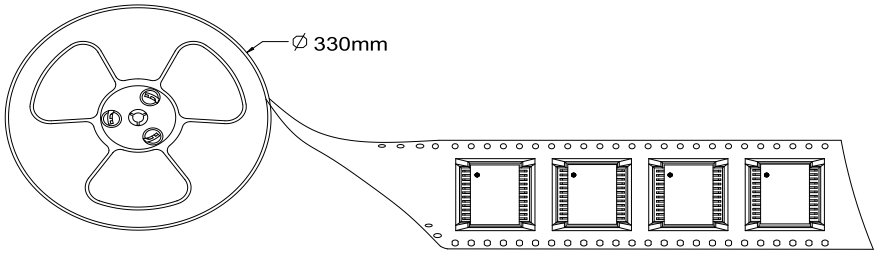
## D. RECOMMEND REFLOW SOLDERING CURVE

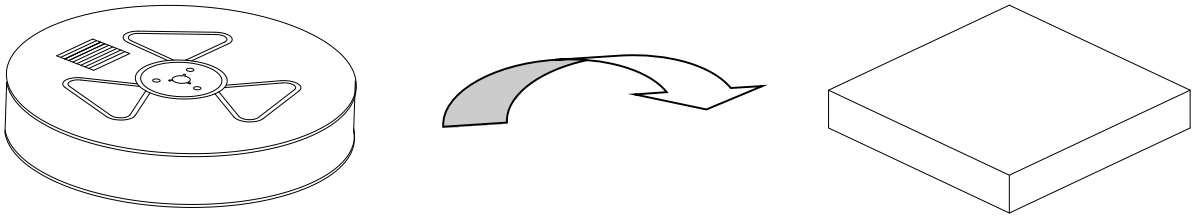



MSL:
Grade: 1 level. Floor life: 0.5 year Condition:</=30°C/60%RH.
Ramp up rate=3°C/s max Ramp down rate=6°C/s max
TL=217°C tL=60s-150s Tp=250+/-3°C Time within 5°C of actual Peak Temperature (tp): 20~40s
Ts min=150°C Ts max=200°C Ts min to Ts max: 60s-180s, 25°C to peak Temperature: 8minutes max

## E. PACKAGE INFORMATION

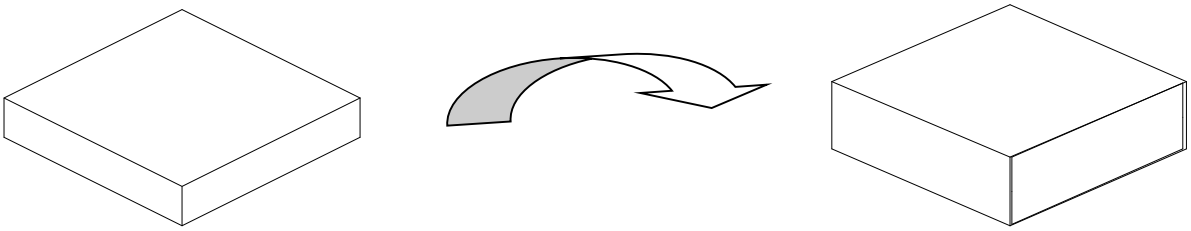


Two Reel

Inner Carton



Five Inner Carton

Export Carton

Package Quantity:

One Reel=350Pcs

One Inner Carton=350*2=700Pcs

One Export Carton=700*5=3500Pcs