

# Specification for Approval

## 产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHS50001-2 G

Version No.:

V0.1

Description:

100/1000 BASE-T

| SUZHOU VOOHU Company Approval |               | Customer Approval<br>(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)

**VOOHU 沃虎**  
造沃虎·真靠谱

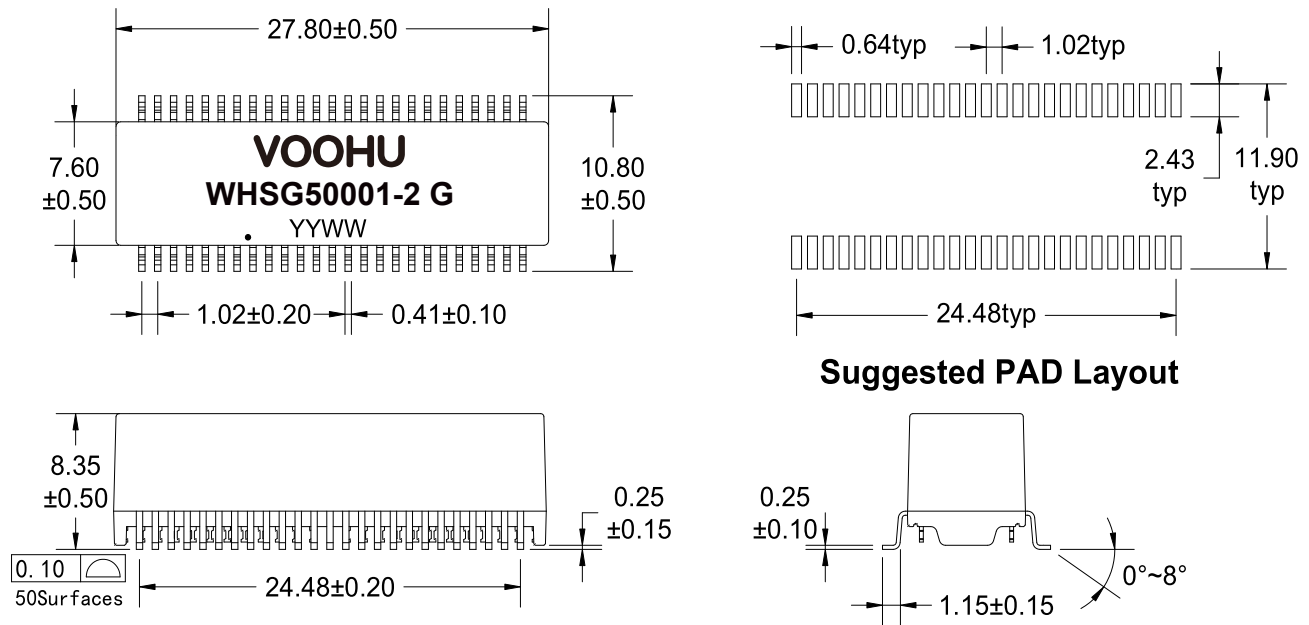
苏州沃虎电子科技有限公司  
SuZhou Voohu Electronic Tech.Co.,Ltd

地址：江苏省苏州市吴江区开平商务中心G栋13楼  
ADD: Building A, Alpha Building, Wujiang District,  
Suzhou City, Jiangsu Province

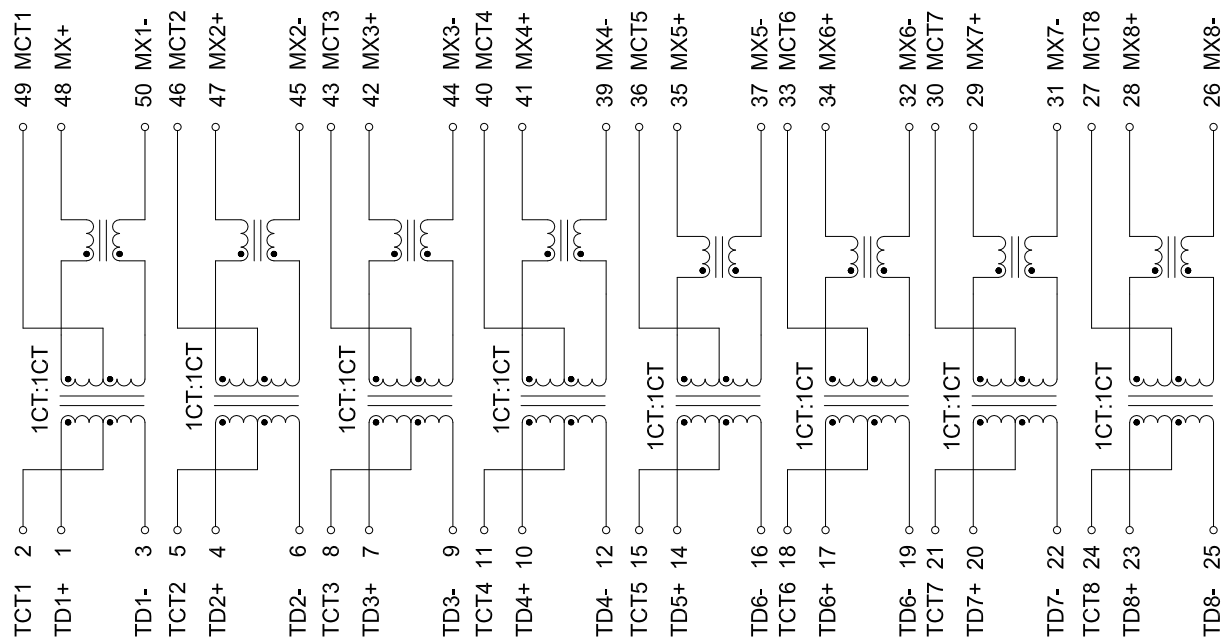
TEL: 400 1048 018  
+86 13338655578

WEB: www.voohu.cn  
E-MAIL: wohu@wohu-tek.com

## A. MECHANICAL(unit:mm)



## B. SCHEMATICS



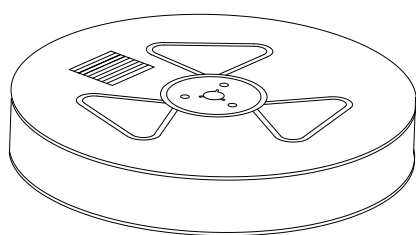
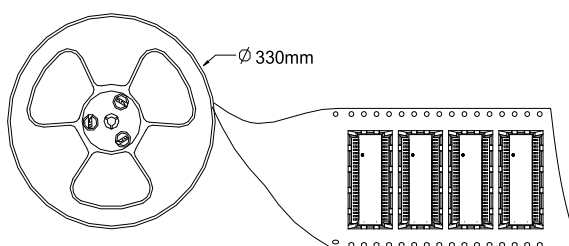
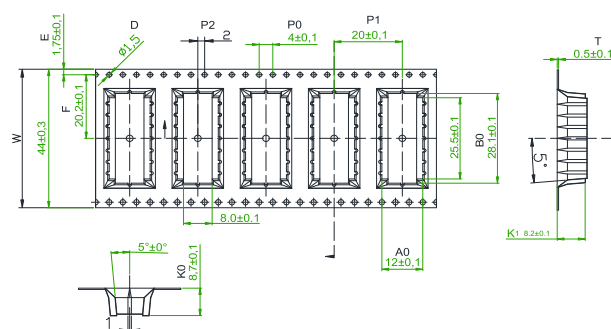
| DESCRIPTION     | PART NO.      | REV:R0   |
|-----------------|---------------|----------|
| 100/1000 BASE-T | WHSG50001-2 G | PAGE:1/3 |

## C. ELECTRICAL SPECIFICATIONS @25°C

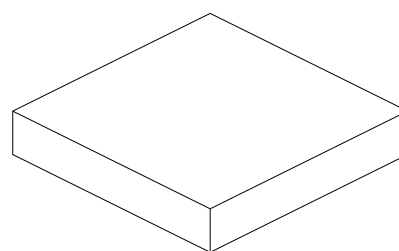
1. OCL: 350uH Min @ 100 KHz, 0.1V with 8mA DC BIAS
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 1400mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.1 dB Max @ 1-100 MHz
6. Return Loss: -18 dB Min @ 1-30 MHz
  - 14.4 dB Min @ 40 MHz
  - 13.1 dB Min @ 50 MHz
  - 12 dB Min @ 60-80 MHz
  - 10 dB Min @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 0°C to +70°C
11. Storage temperature -40°C to +85°C

|                 |               |          |
|-----------------|---------------|----------|
| DESCRIPTION     | PART NO.      | REV:R0   |
| 100/1000 BASE-T | WHSG50001-2 G | PAGE:2/3 |

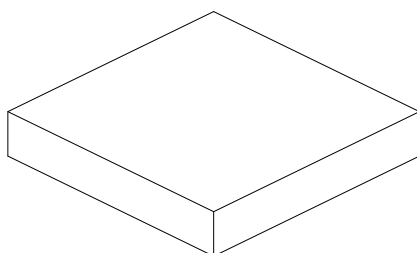
## D. PACKAGE INFORMATION



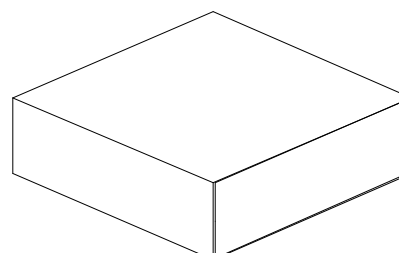
two reel



## Inner Carton



two Inner Carton



Export Carton

Package Quantity:

One Reel=350Pcs

One Inner Carton=350\*2=700Pcs

One Export Carton=700\*2=1400Pcs

|                 |               |          |
|-----------------|---------------|----------|
| DESCRIPTION     | PART NO.      | REV:R0   |
| 100/1000 BASE-T | WHSG50001-2 G | PAGE:3/3 |