

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHSG48005N0

Version No.:

V0.1

Description:

100/1000 BASE-T

Laser Marking

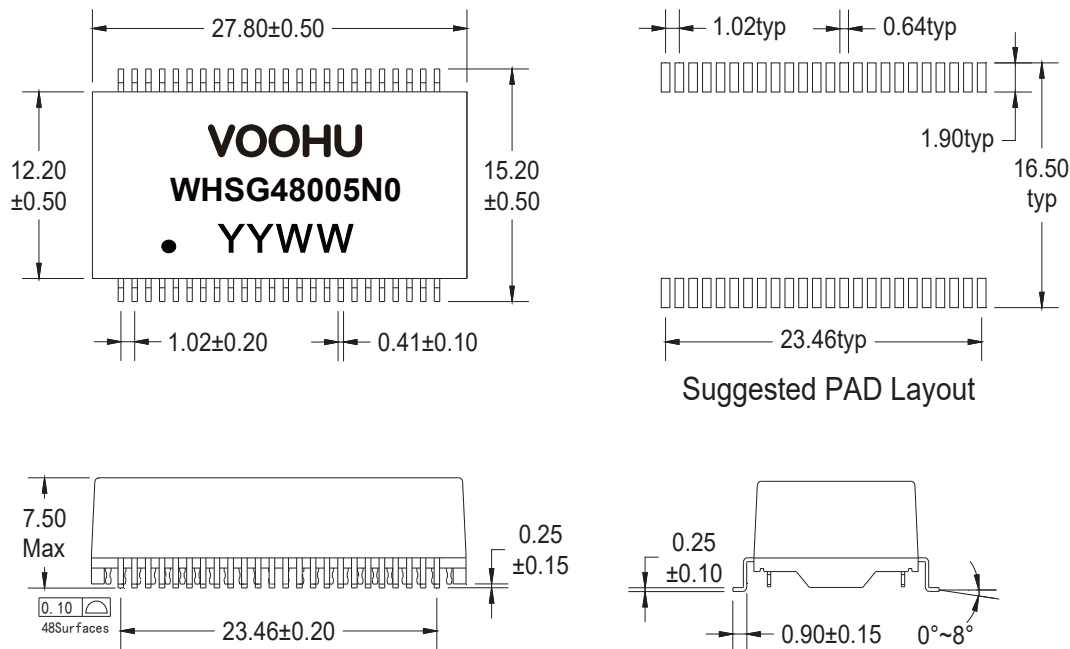
SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2025/8/14		日期DATE: 2025/8/14

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

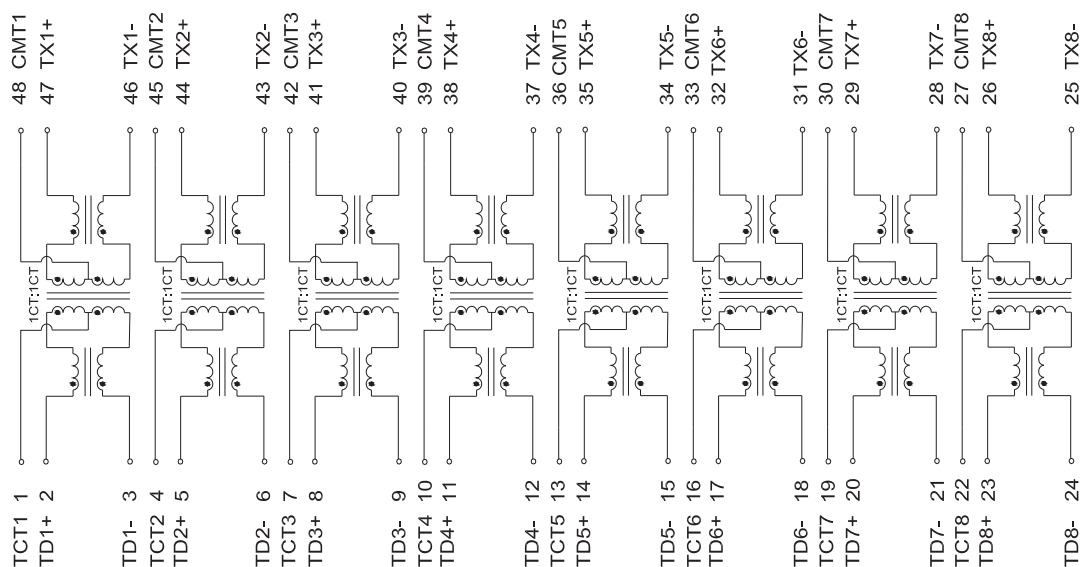
[illegible]

DESCRIPTION	PART NO.	REV:R0
10/100 BASE-T	WHS G48005N0	PAGE:1/4

A. MECHANICAL(unit:mm)



B. SCHEMATICS



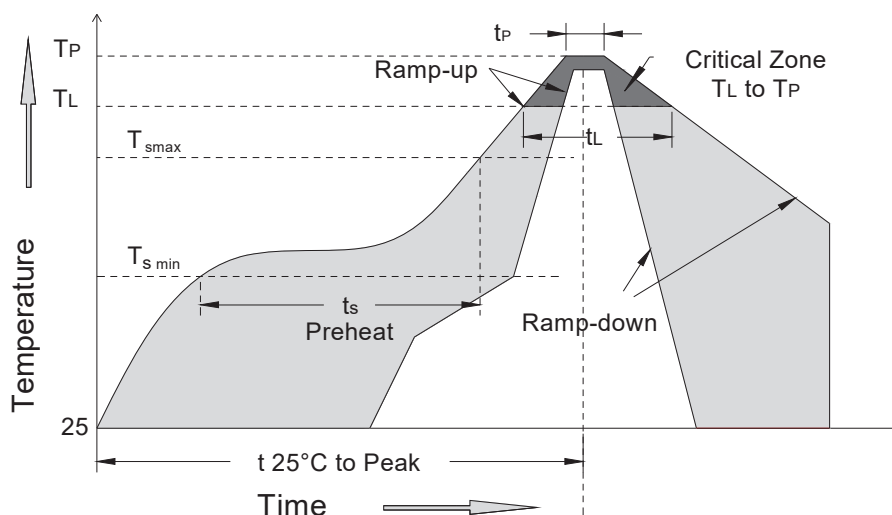
DESCRIPTION	PART NO.	REV:R0
10/100 BASE-T	WHSG48005N0	PAGE:2/4

C. ELECTRICAL SPECIFICATIONS @25°C

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

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

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

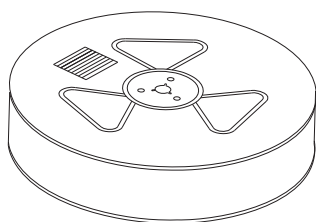
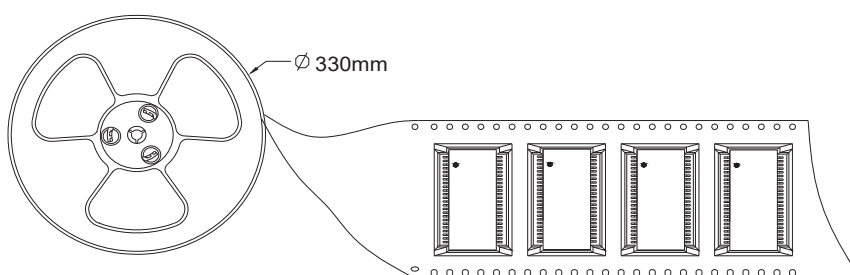
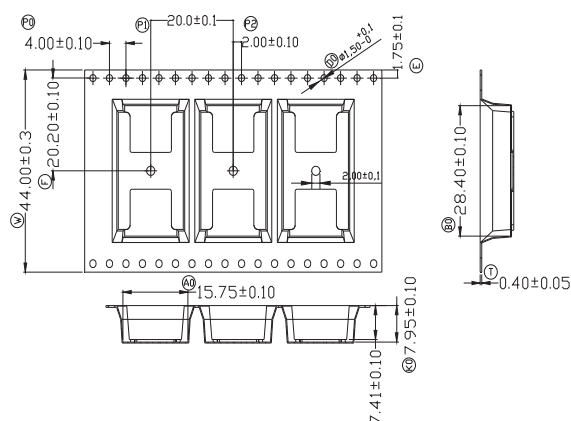
(t_P): 20~40s

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

8minutes max

DESCRIPTION	PART NO.	REV:R0
10/100 BASE-T	WHS48005N0	PAGE:3/4

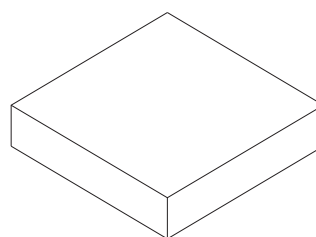
E. PACKAGE INFORMATION



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
10/100 BASE-T	WHSG48005N0	PAGE:4/4