

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHSM24P02N0

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:2025/12/15		日期DATE: 2025/12/15

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

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SuZhou Voohu Electronic Tech.Co.,Ltd

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ADD: Building A, Alpha Building, Wujiang District,
Suzhou City, Jiangsu Province

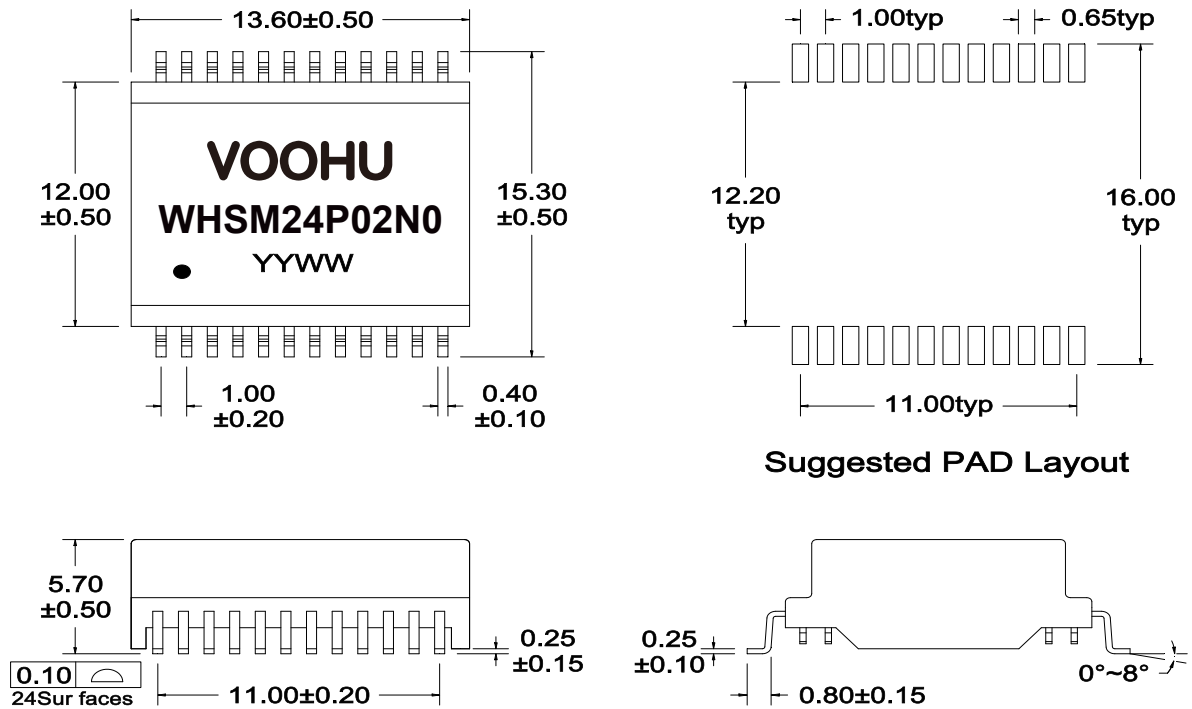
TEL: 400 1048 018
+86 13338655578

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E-MAIL: wohu@wohu-tek.com

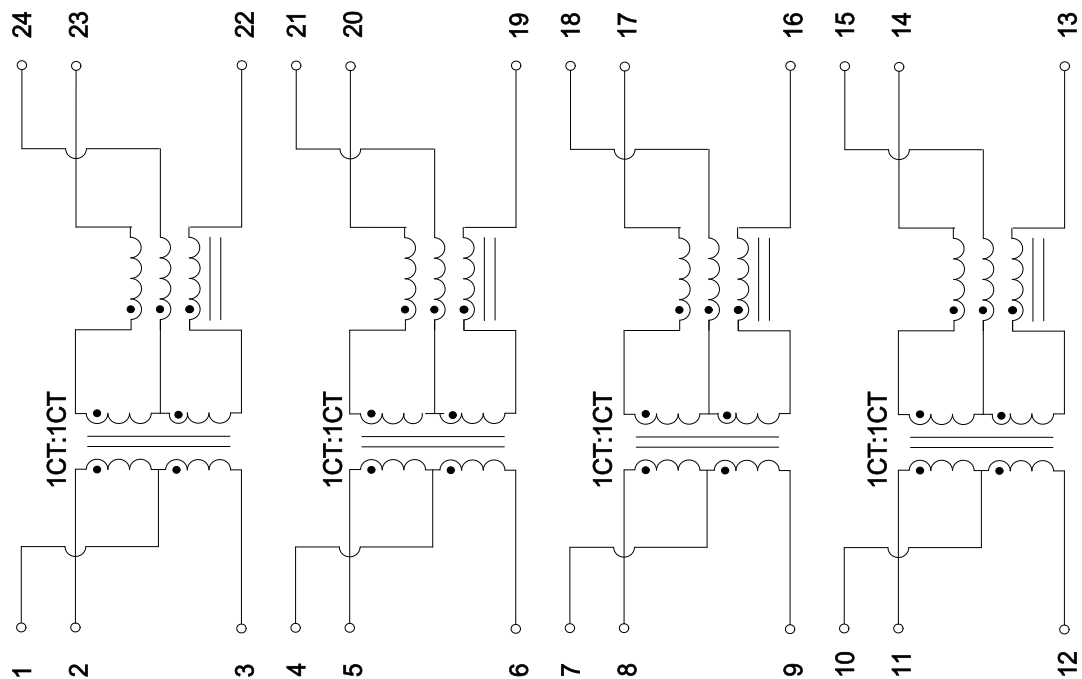
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DESCRIPTION	PART NO.	REV:R0
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A. MECHANICAL(unit:mm)



B. SCHEMATICS



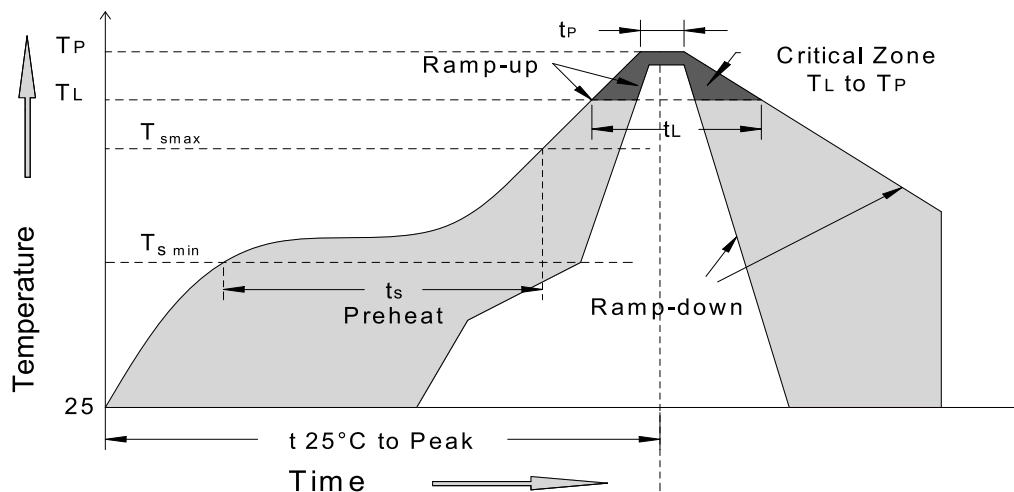
DESCRIPTION	PART NO.	REV:R0
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C. ELECTRICAL SPECIFICATIONS @25°C

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

1. OCL: 120 uH Min @100KHz 0.1V
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°C to +85°C
11. Storage temperature -40°C to +85°C

D. RECOMMEND REFLOW SOLDERING CURVE



MSL:

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

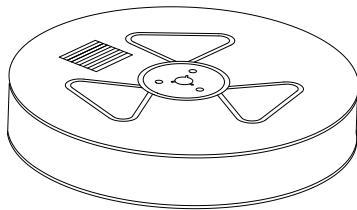
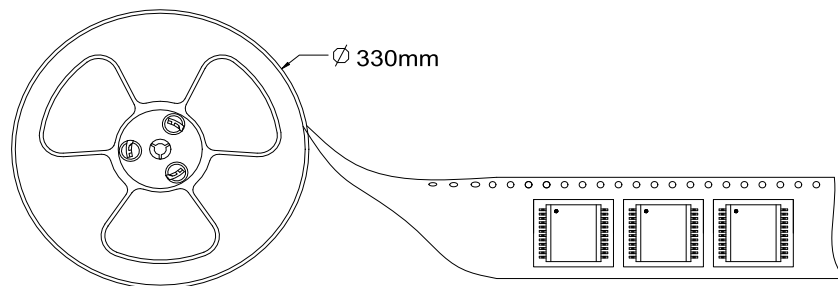
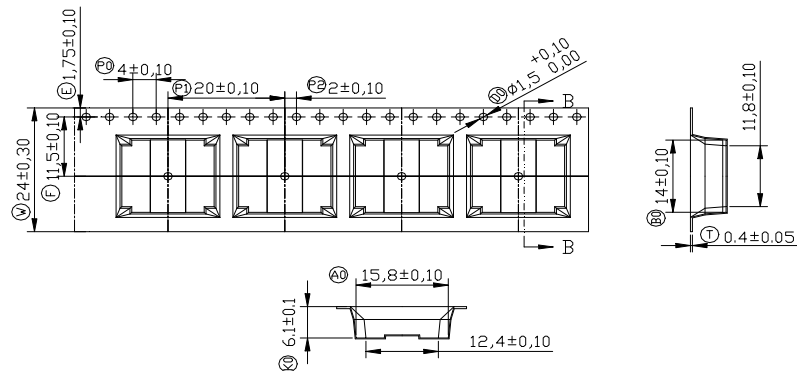
Ramp up rate=3°C/s max Ramp down rate=6°C/s max

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

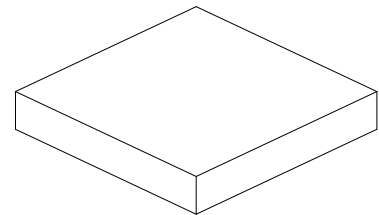
$T_{s\ min}=150^\circ\text{C}$ $T_{s\ max}=200^\circ\text{C}$ $T_{s\ min}$ to $T_{s\ max}$: 60s-180s, 25°C to peak Temperature: 8minutes max

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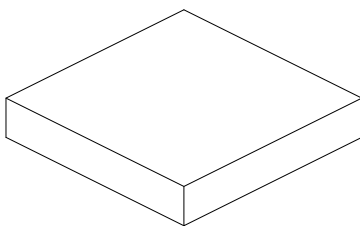
E. PACKAGE INFORMATION



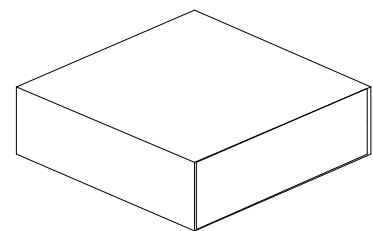
Two Reel



Inner Carton



Five Inner Carton



Export Carton

Package Quantity:

One Reel=450Pcs

One Inner Carton=450*2=900Pcs

One Export Carton=900*5=4500Pcs

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