

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHSM24015T0

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:2025/8/14		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)

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

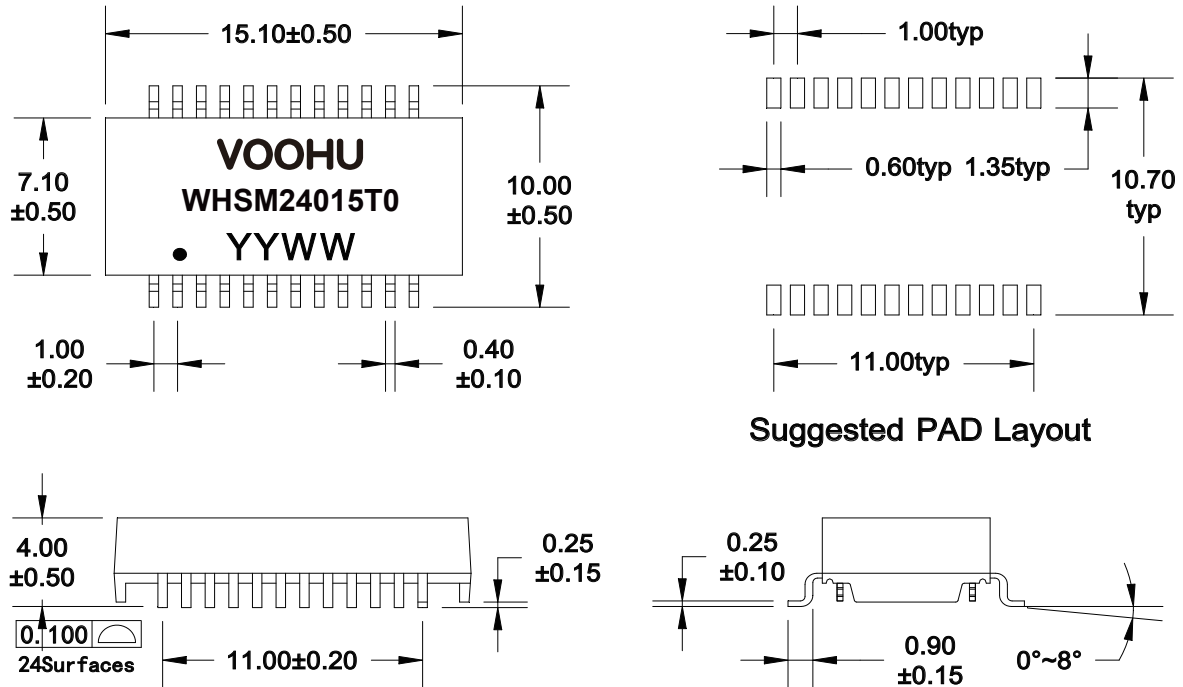
WEB: www.voohu.cn
E-MAIL: wohu@wohu-tek.com

Revision History

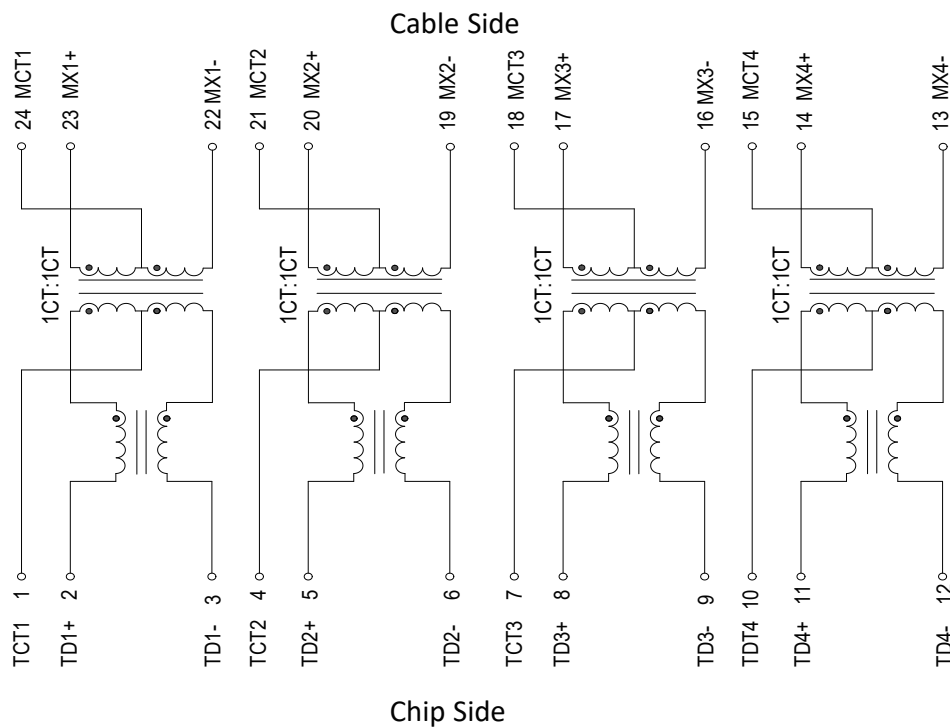
[illegible]

DESCRIPTION	PART NO.	REV:R0
10G BASE-T	WHSM24015T0	PAGE:1/4

A. MECHANICAL(unit:mm)



B. SCHEMATICS



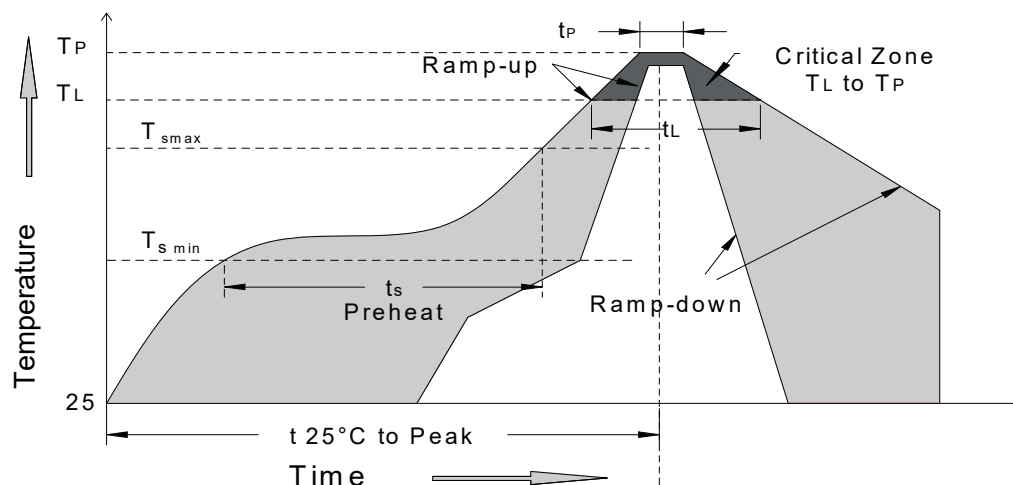
DESCRIPTION	PART NO.	REV:R0
10G BASE-T	WHSM24015T0	PAGE:2/4

C. ELECTRICAL SPECIFICATIONS @25°C

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

1. OCL: 120 μ H Min @100KHz 0.1V
2. Leakage Inductance: 0.5 μ H Max @ 100KHz, 0.1V
3. DCR: 900m Ω 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: -20 dB Typ @ 1-500 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 30W: Each channel support 360mA DC balance current,
 Full channels support 720mA DC balance current.

D. RECOMMEND REFLOW SOLDERING CURVE



MSL:

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

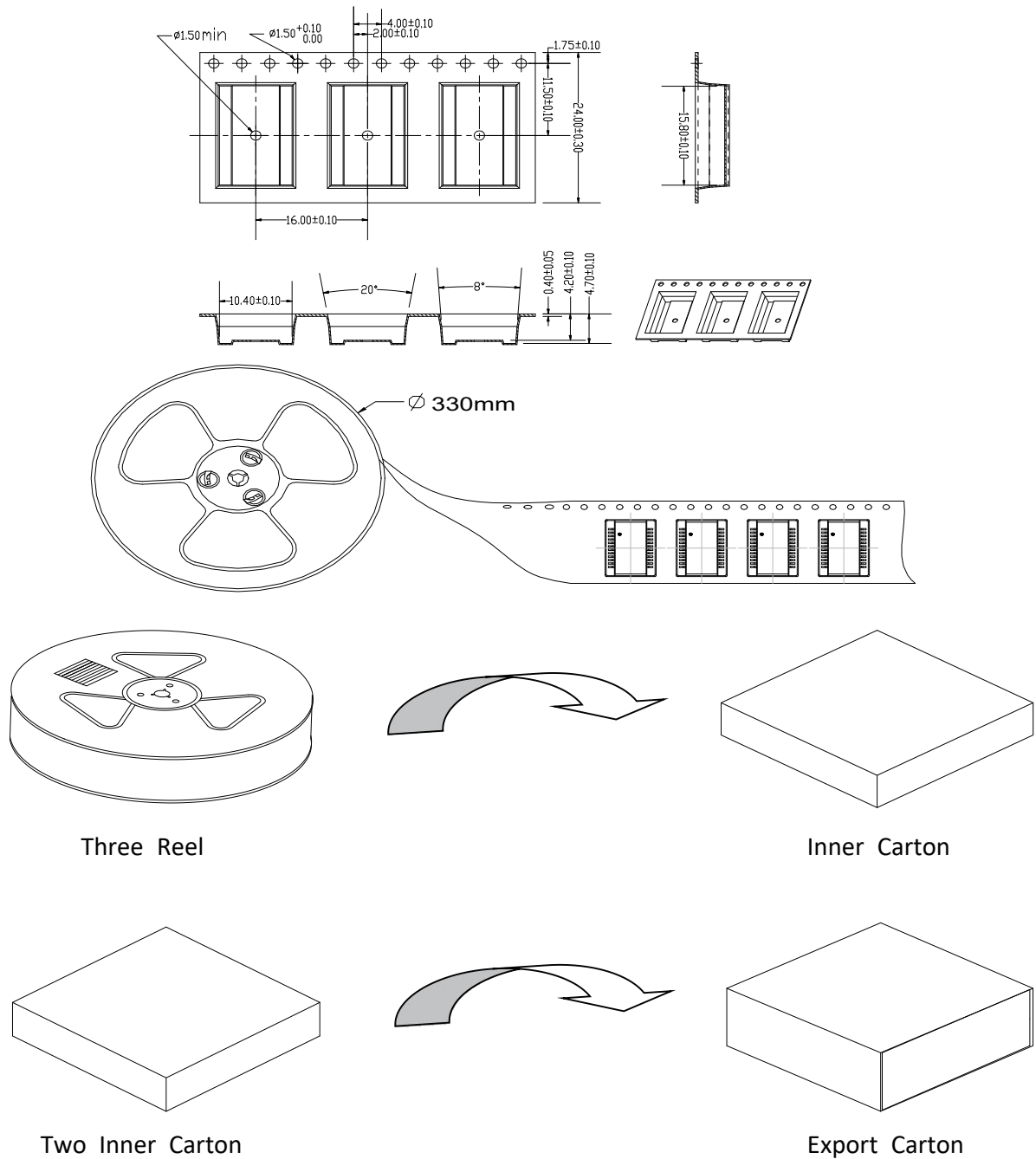
Ramp up rate=3°C/s max Ramp down rate=6°C/s max

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

DESCRIPTION	PART NO.	REV:R0
10G BASE-T	WHSM24015T0	PAGE:3/4

E. PACKAGE INFORMATION



Package Quantity:

One Reel=800Pcs

One Inner Carton=800*3=2400Pcs

One Export Carton=2400*2=4800Pcs

DESCRIPTION	PART NO.	REV:R0
10G BASE-T	WHSM24015T0	PAGE:4/4