

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHSQ24015T0

Version No.:

V0.1

Description:

2.5/5G BASE-T

SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2025/9/04		日期DATE: 2025/9/04

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

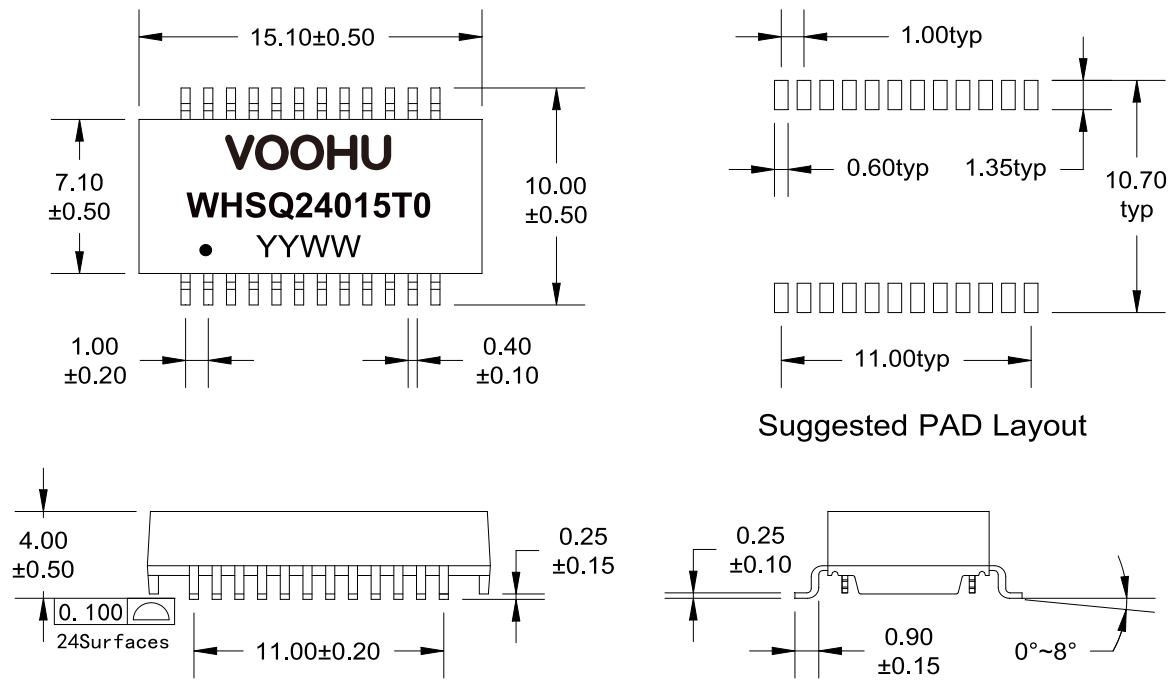
地址：江苏省苏州市吴江区开平商务中心G栋13楼
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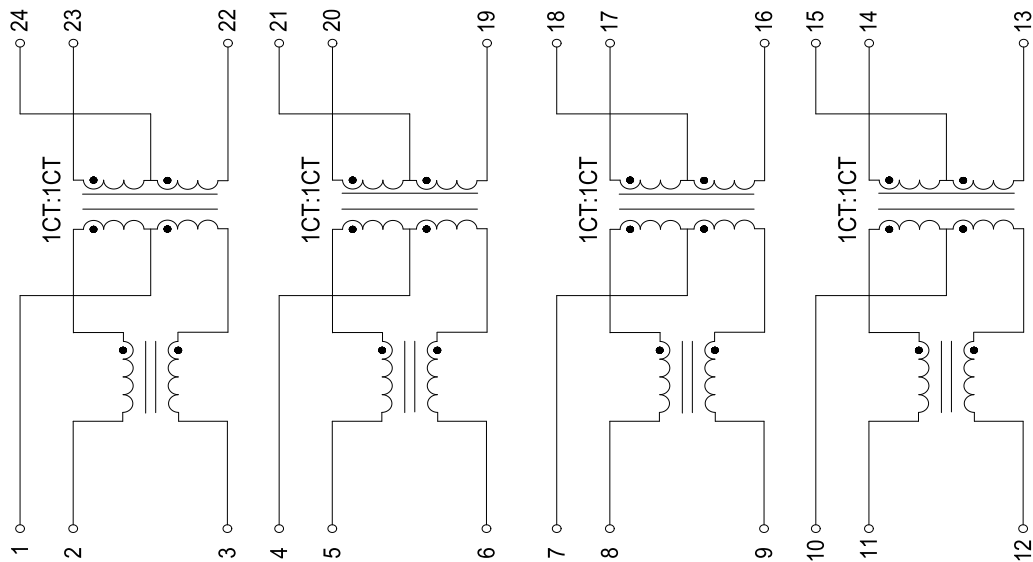
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DESCRIPTION	PART NO.	REV:R0
2.5/5G BASE-T	WHSQ24015T0	PAGE:1/4

A. MECHANICAL(unit:mm)



B. Schematics



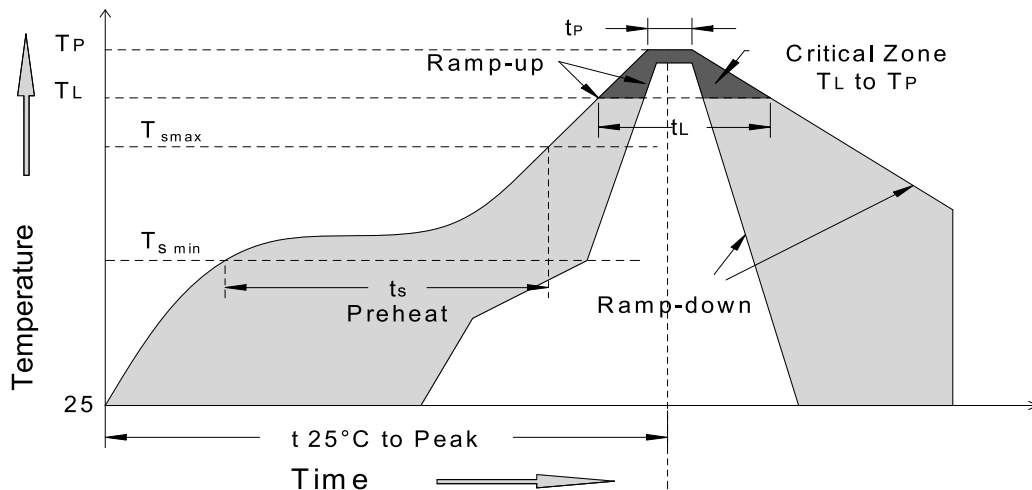
DESCRIPTION	PART NO.	REV:R0
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C. ELECTRICAL SPECIFICATIONS @25℃

Unless Otherwise Specified, Testing is Performed at 25℃ ± 5℃

1. OCL: 150uH Min @ 100KHz 0.1V
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 1000mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.0 dB Max @ 1-100 MHz
-2.0 dB Max @ 100-250 MHz
6. Return Loss: -16 dB Min @ $1 \leq f \leq 40$ MHz
-16+10log(f/40) dB Min @ $40 < f \leq 250$ MHz, where f is in MHz
7. Cross Talk: -30 dB Typ @ 1-250 MHz
8. Common Mode Rejection Ratio: -30 dB Typ @ 1-250 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
10. Operating temperature -40℃ to +85℃
11. Storage temperature -40℃ to +85℃

D. RECOMMEND REFLOW SOLDERING CURVE



MSL:

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

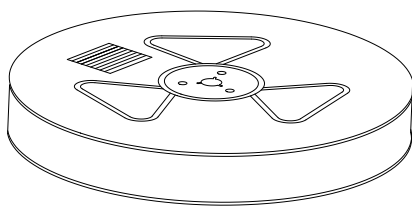
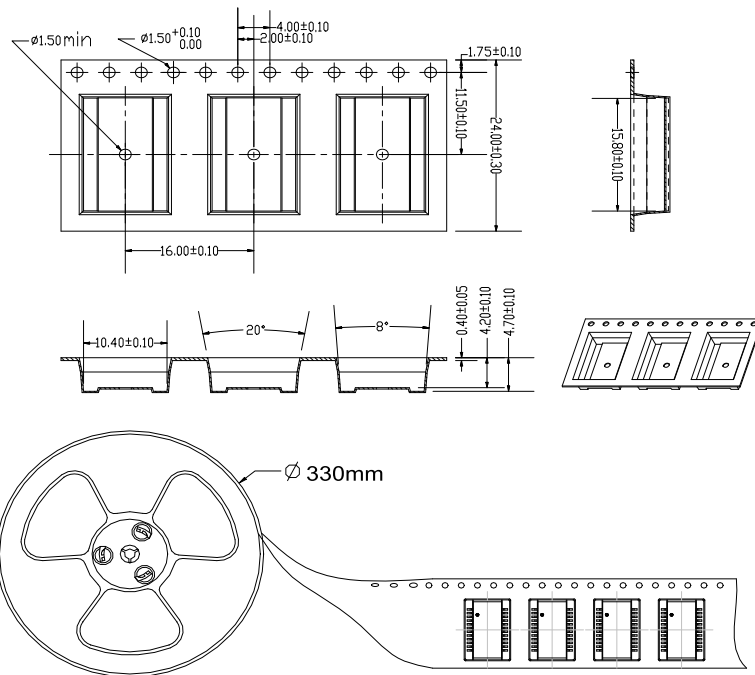
Ramp up rate=3℃/s max Ramp down rate=6℃/s max

TL=217℃ tL=60s-150s Tp=250+/-3℃ Time within 5℃ of actual Peak Temperature (tp): 20~40s

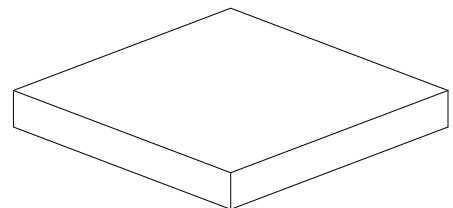
Ts min=150℃ Ts max=200℃ Ts min to Ts max: 60s-180s, 25℃ to peak Temperature: 8minutes max

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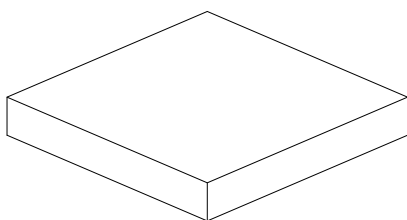
E. Packaging specification



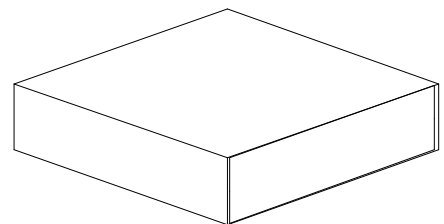
Three Reel



Inner Carton



Two Inner Carton



Export Carton

Package Quantity:

One Reel=800Pcs

One Inner Carton=800*3=2400Pcs

One Export Carton=2400*2=4800Pcs

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