

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHS16F01D4

Version No.:

V0.1

Description:

10/100 BASE-TX

SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2025/9/16		日期DATE: 2025/9/16

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 City, Jiangsu Province

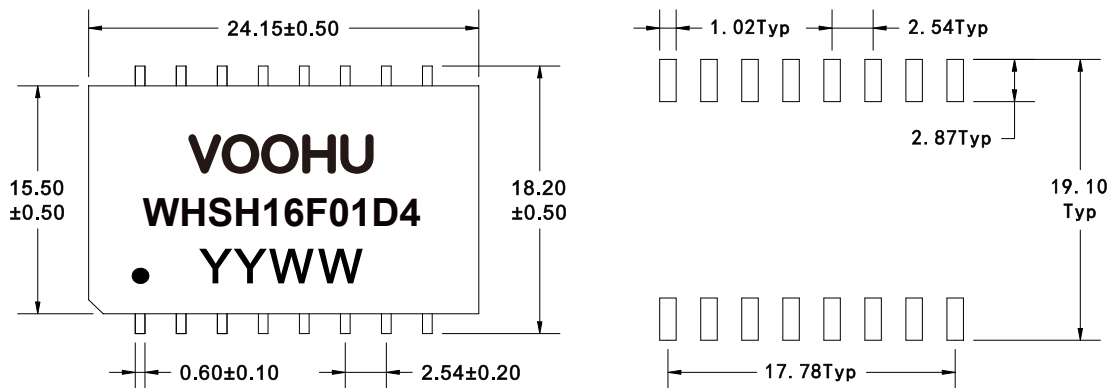
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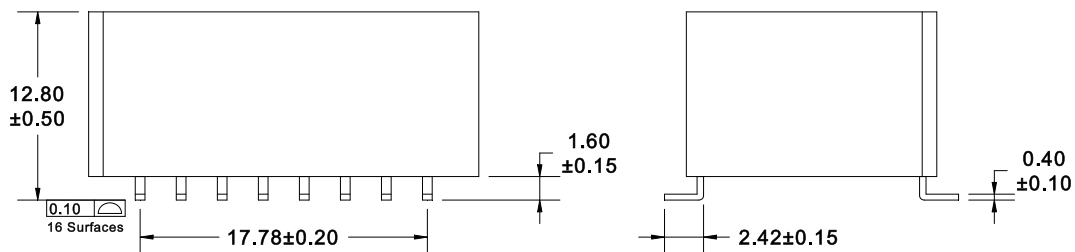
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DESCRIPTION	PART NO.	REV:R0
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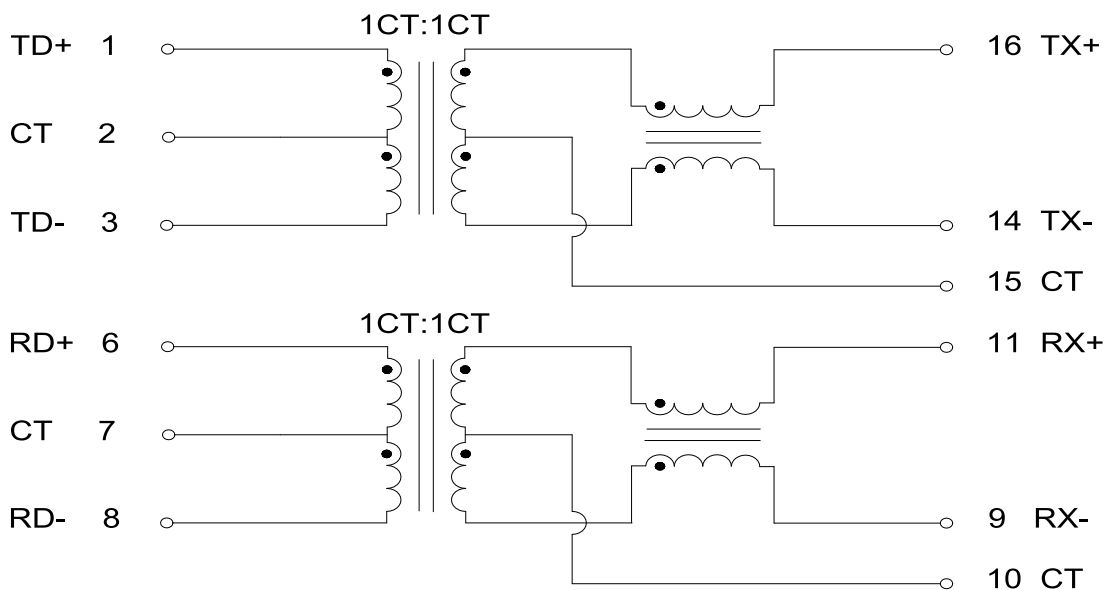
A. MECHANICAL(unit:mm)



Suggested PAD Layout



B. Schematics



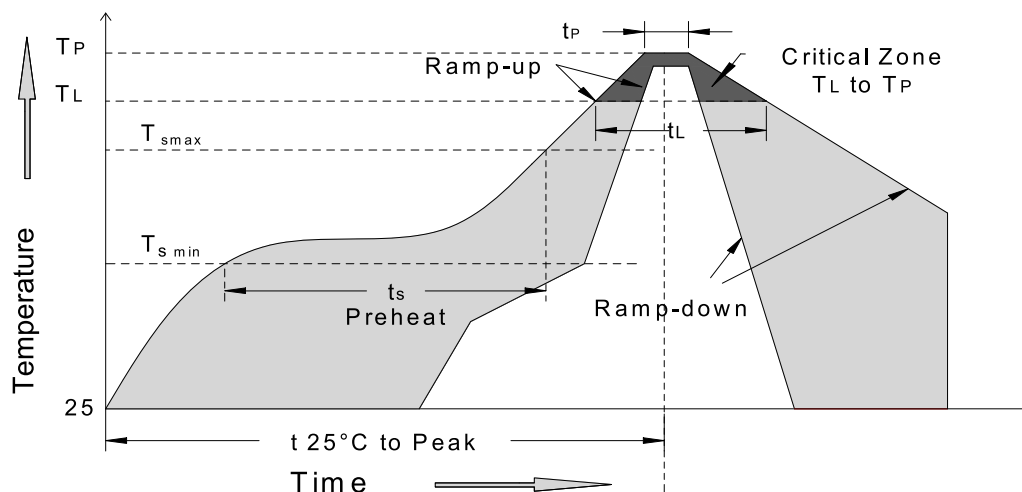
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C. ELECTRICAL SPECIFICATIONS @25°C

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

1. OCL: 350uH Min @ 100KHz 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: -3.0dB Max @ 1-100 MHz
6. Return Loss: -10 dB Min @ 1-30 MHz
-8 dB Min @ 30-45 MHz
-6 dB Min @ 45-60 MHz
-4 dB Min @ 60-80 MHz
7. Cross Talk: -30 dB Min @ 1-100 MHz
8. Common Mode Rejection Ratio: -30 dB Min @ 1-100 MHz
9. Isolation Hipot: 4000VAC 1mA 60S or 4800VAC 1mA 1S
10. Desinged to comply with the flollwing requirements as defined by IED60601-1 and IEC60950-1:
---Supplementary insulation at a working voltage of 250Vrms.
11. 7mm Clearance distance and 10mm Creepage distance.
12. Operating temperature -40°C to +85°C
13. Storage temperature -40°C to +85°C

D. RECOMMEND REFLOW SOLDERING CURVE



MSL:

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

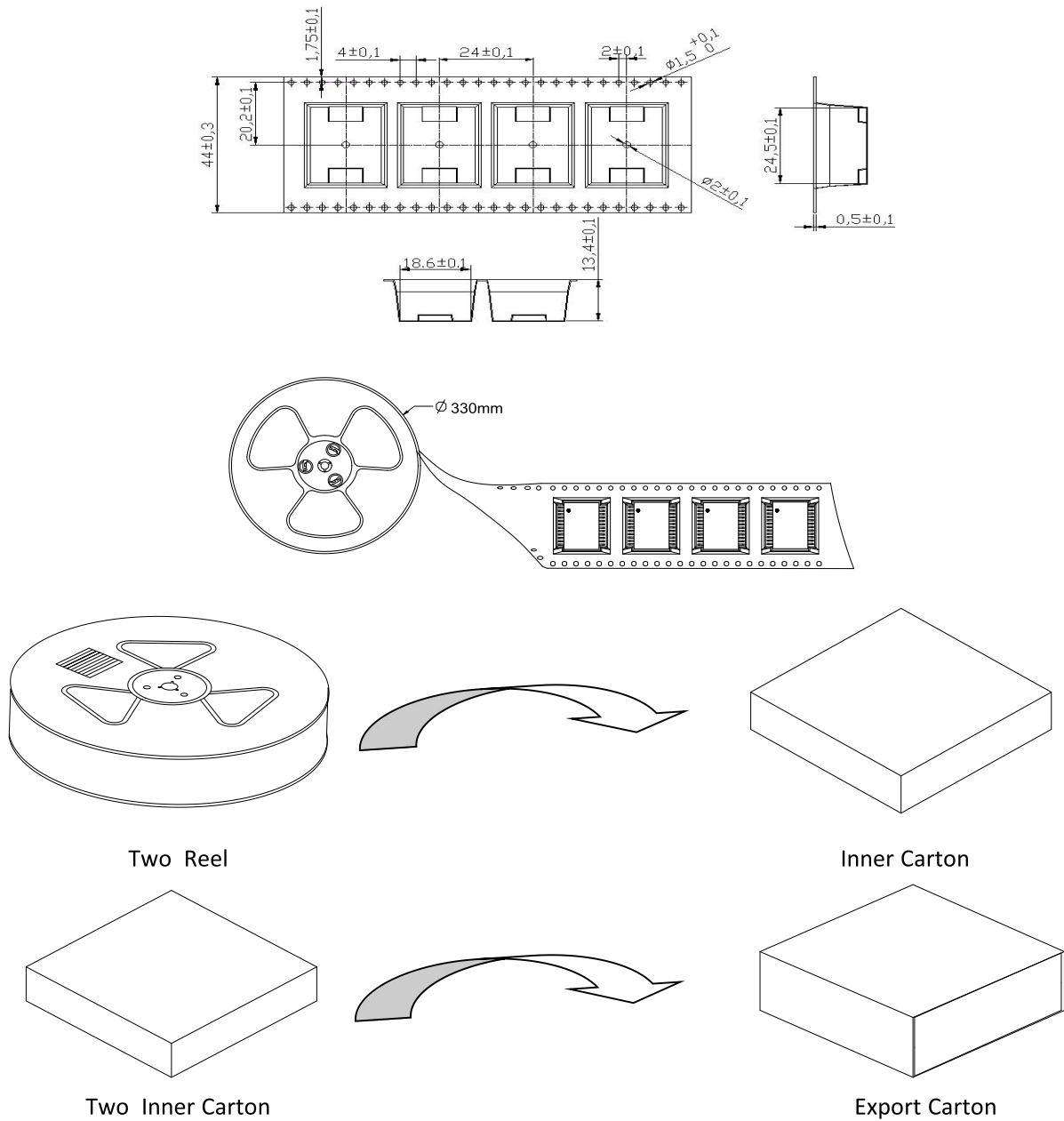
Ramp up rate=3°C/s max Ramp down rate=6°C/s max

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

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E. Packaging specification



Package Quantity:

One Reel=160Pcs

One Inner Carton=160*2=320Pcs

One Export Carton=320*2=640Pcs

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