

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHDG48201T1

Version No.:

V0.1

Description:

100/1000 BASE-T

Laser Marking

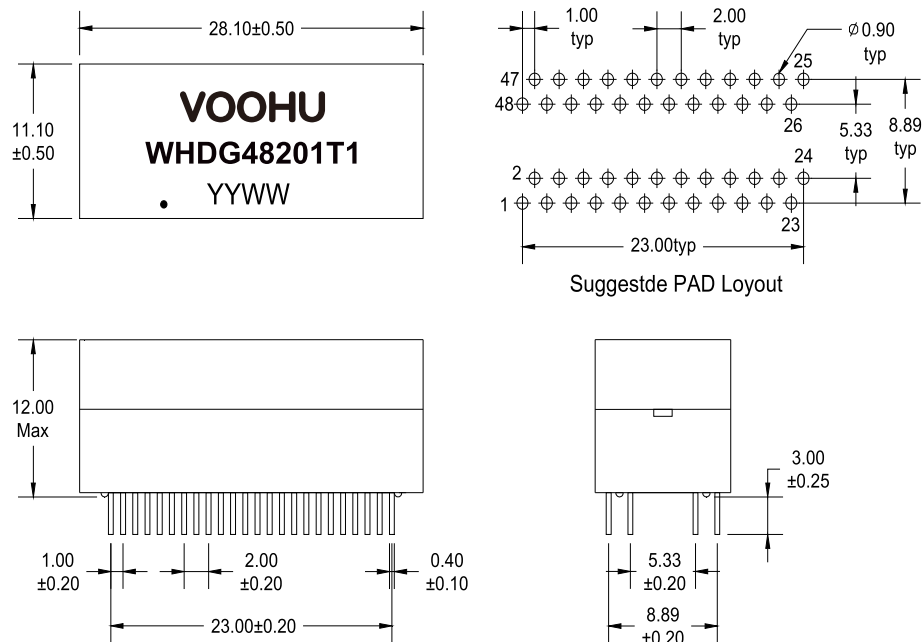
SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2025/10/13		日期DATE: 2025/10/13

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

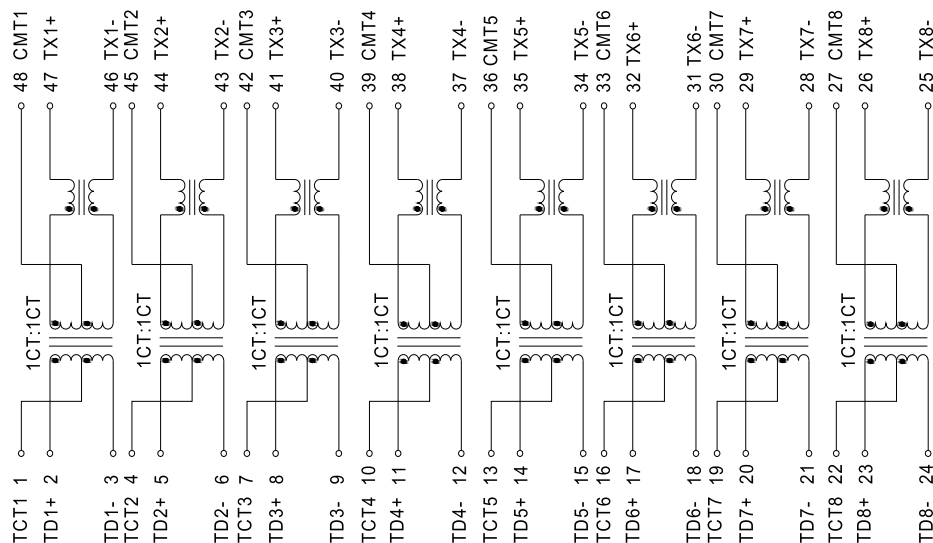
[illegible]

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



B. Schematics



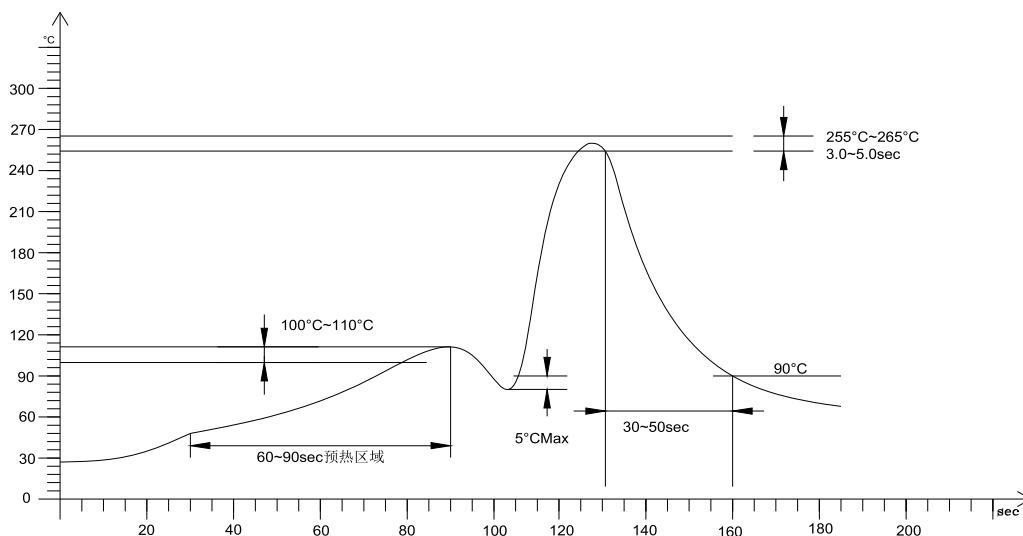
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C. ELECTRICAL SPECIFICATIONS @25°C

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

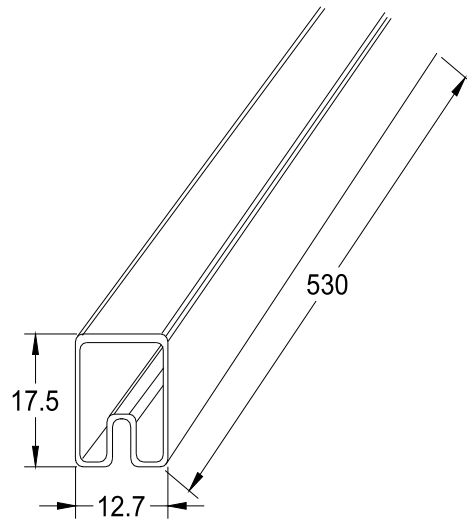
1. OCL: 350 uH Min @ 100KHz, 0.1V 8mA DC BIAS
2. Leakage Inductance: 0.5 uH Max @ 100KHz, 0.1V
3. DCR: 1400 mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.1 dB Max @ 1-100 MHz
6. Return Loss: -18 dB Min @ 1-30 MHz
 - 14.4 dB Min @ 40 MHz
 - 13.1 dB Min @ 50 MHz
 - 12 dB Min @ 60-80 MHz
 - 10 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 -40°C to +85°C
11. Storage temperature -40°C to +85°C

D. RECOMMEND WAVE SOLDERING CURVE

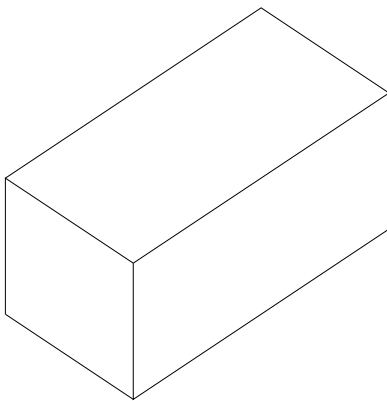


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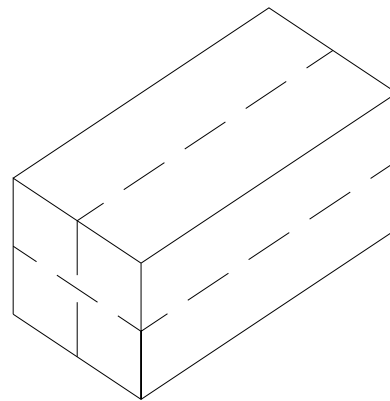
E. Packaging specification



Tube: 530*12.7*17.5mm



Inner Carton: L570*W180*H100mm



Export Carton: L580*W380*H240mm

Package Quantity:

One Tube=18Pcs

One Inner Carton=18*50=900Pcs

One Export Carton=900*4=3600Pcs

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