Specification for Approval
产品承认书

Customer:	
Customer P/N:	
VOOHU P/N:	WHDG48201P1
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:2025/8/20		日期DATE: 2025/8/20

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

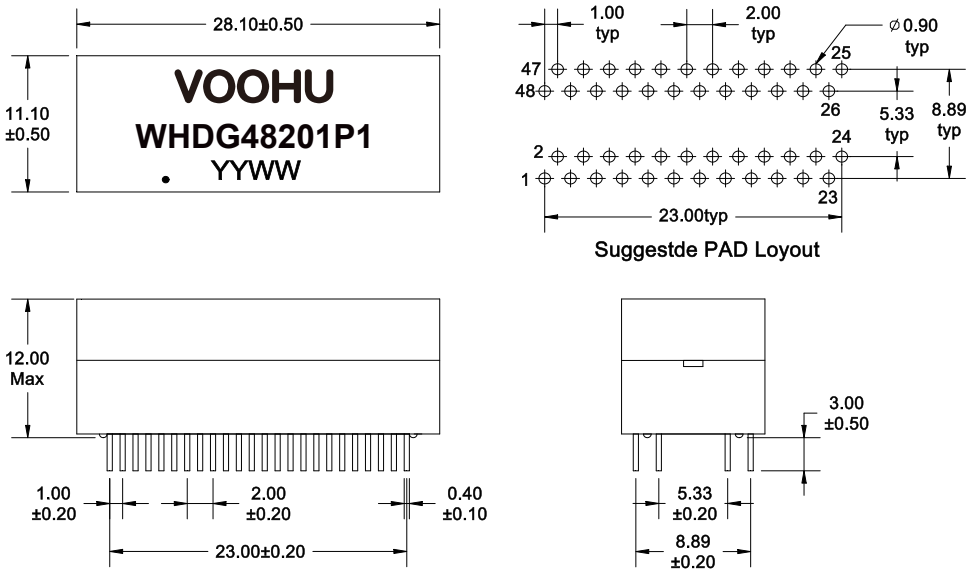
VOOHU 沃虎
选沃虎 · 真靠谱
苏州沃虎电子科技有限公司
SuZhou Voohu Electronic Tech.Co.,Ltd

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

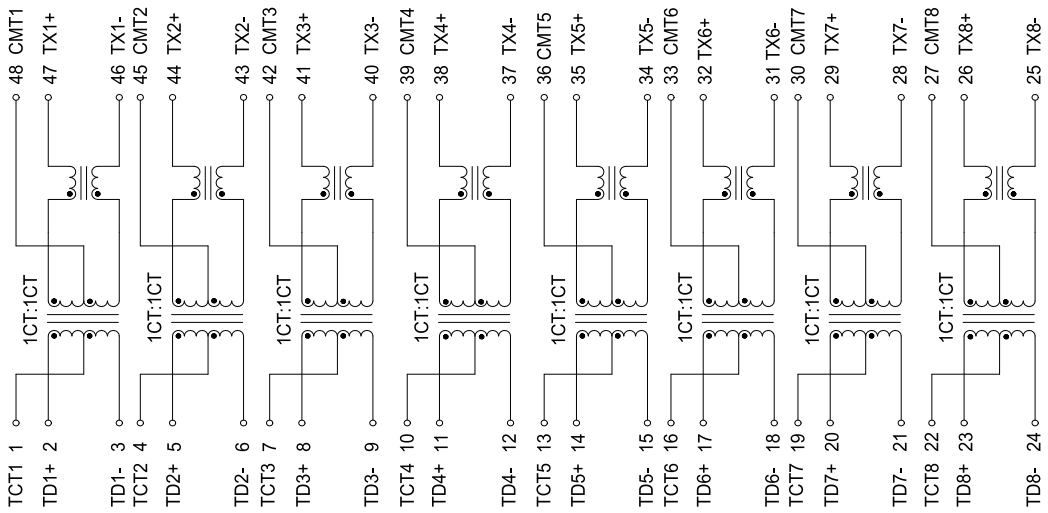
Revision History

Revision	Changed Date	Request By	Change Content
V0.1	2025/08/20	Leo	New Version Release

A. MECHANICAL(unit:mm)



B. Schematics

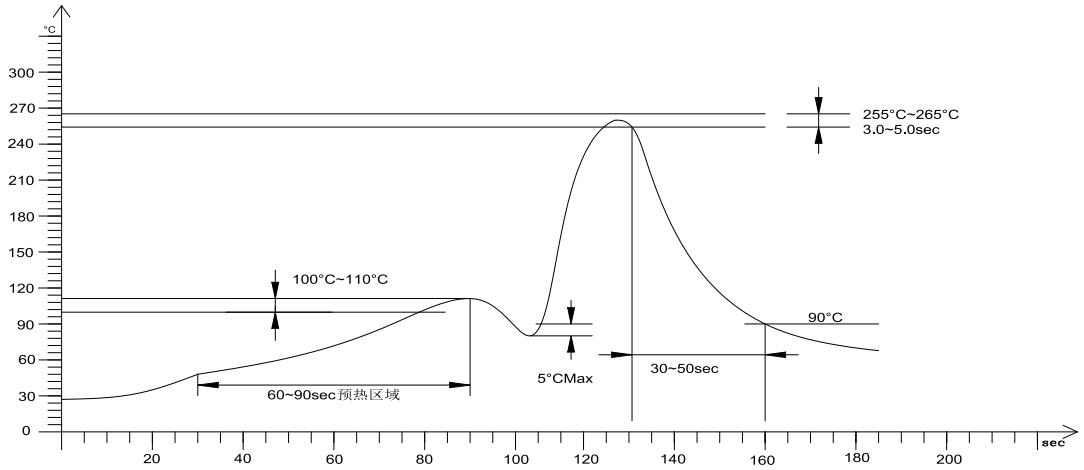


C. ELECTRICAL SPECIFICATIONS @25℃

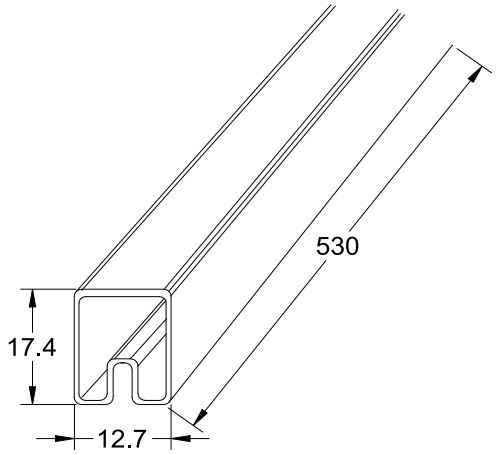
Unless Otherwise Specified, Testing is Performed at 25°C ± 5°C

1. OCL: 350uH Min @ 100 KHz, 0.1V 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: -1.2 dB Max @ 0.5-1 MHz
   -0.2-0.002*f^1.4 dB Max @ 1-125 MHz
6. Return Loss: -16 dB Min @ 1-40 MHz
   -10+20*log（f/80） dB Min @ 40.1-100 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 0°C to +70°C(Inclued The Temperature Rise)
11. Storage temperature -40°C to +85°C
12. IEEE802.3at compliant performance---720mA Current Capability

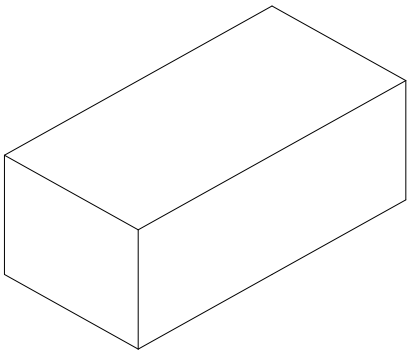
D. RECOMMEND WAVE SOLDERING CURVE



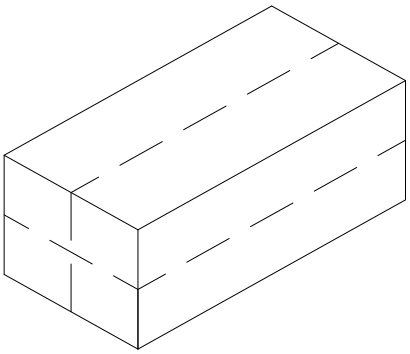
E. Packaging specification



Tube: 530*12.7*17.4mm



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