

# Specification for Approval

## 产品承认书

Customer:	
Customer P/N:	
VOOHU P/N:	WHD40101G
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::2024/7/13		日期DATE:

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

**VOOHU 沃虎**

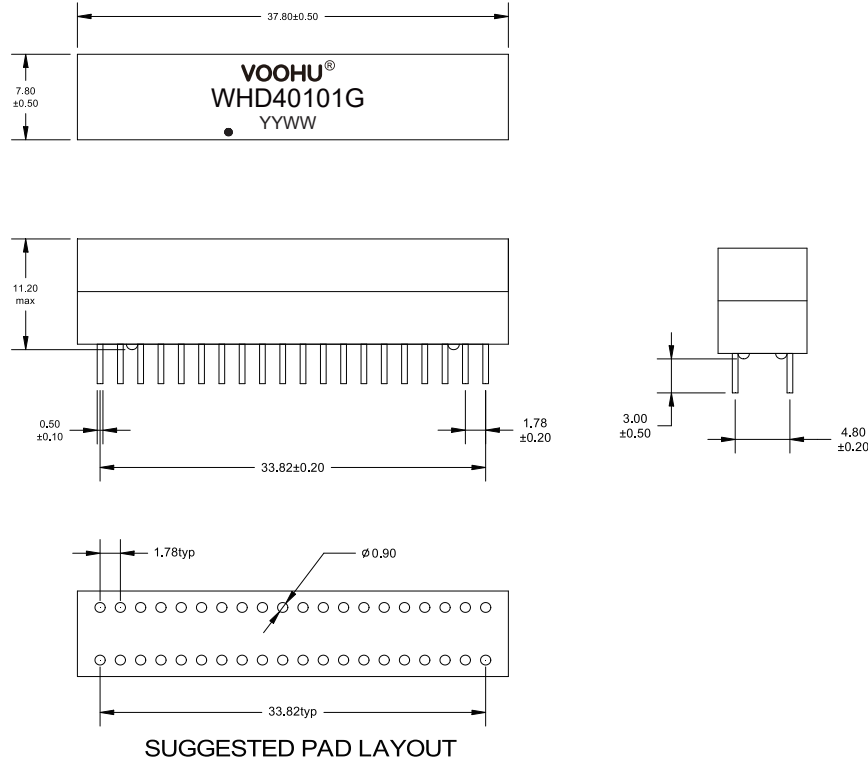
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苏州沃虎电子科技有限公司  
SuZhou Voohu Electronic Tech.Co.,Ltd

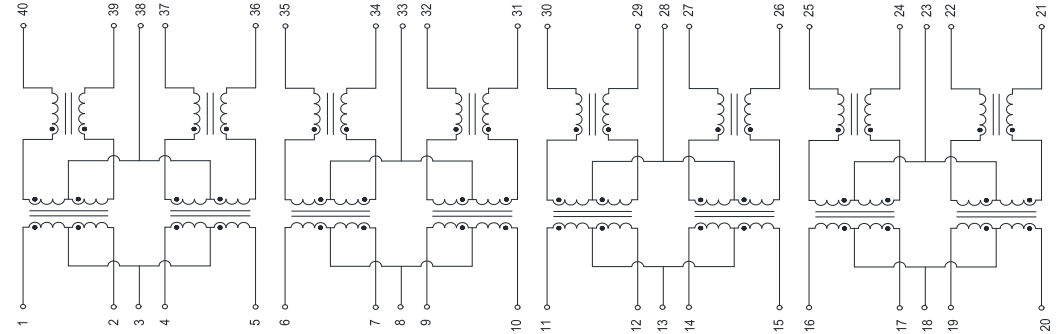
地址：江苏省苏州市吴江区阿尔法大厦A栋  
ADD: Building A, Alpha Building, Wujiang District,  
Suzhou City, Jiangsu Province

TEL: +86 400 1048 018      WEB: www.wohu-tek.com/  
+86 13338655578      E-MAIL: wohu@wohu-tek.com

## A. MECHANICAL(unit:mm)



## B. Schematics



## C. ELECTRICAL SPECIFICATIONS @25°C

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

1. OCL: 350 uH Min @ 100 KHz, 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: -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
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
11. Storage temperature -40°C to +85°C

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TEL: +86 400 1048 018

WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

TITLE:  
100/1000 BASE-T

PART NO.:  
WHD40101G

REMARK:

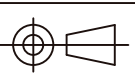
SIZE  
A4

SACLE  
1:1

SHEET  
1/2

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

x±0.35  
.x±0.30

.xx±0.25  
.xxx±0.10

x°±3.0°  
.x°±2.0°

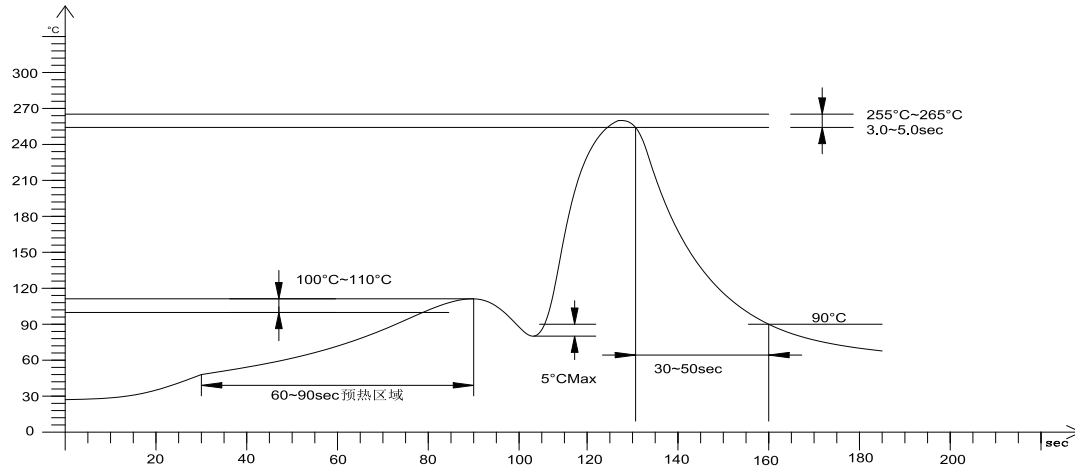
.xx°±1.5°  
.xxx°±1.0°

APPROVED BY:  
Geoffrey.Song

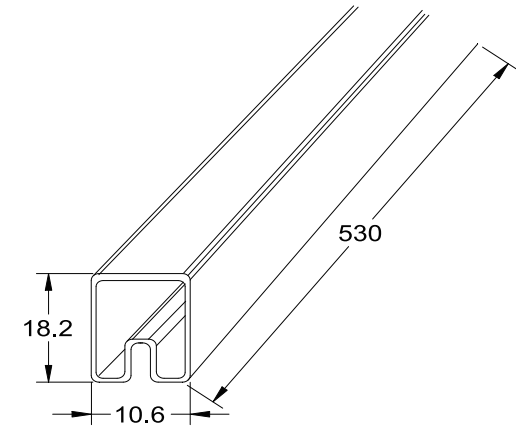
CHECKED BY:  
Elvis.Song

DESIGND BY:  
Sunny.Xu

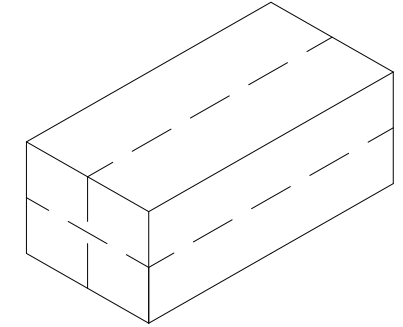
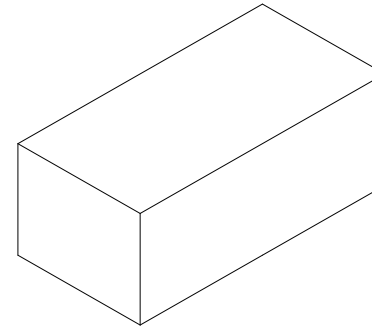
#### D. RECOMMEND WAVE SOLDERING CURVE



#### E. Packaging specification



Tube: 530\*10.6\*18.2mm



Inner Carton: L555\*W165\*H100mm

Export Carton: L570\*W370\*H240mm

Package Quantity:

One Tube=13Pcs

One Inner Carton=13\*60=780Pcs

One Export Carton=780\*4=3120Pcs

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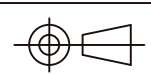
SIZE  
A4

SACLE  
1:1

SHEET  
2/2

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

x±0.35  
.x±0.30  
.xx±0.25  
.xxx±0.10

x°±3.0°  
.x°±2.0°  
.xx°±1.5°  
.xxx°±1.0°

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