

# Specification for Approval

## 产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHDG72301-1G

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**

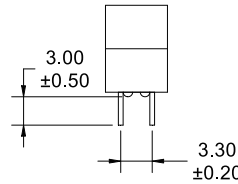
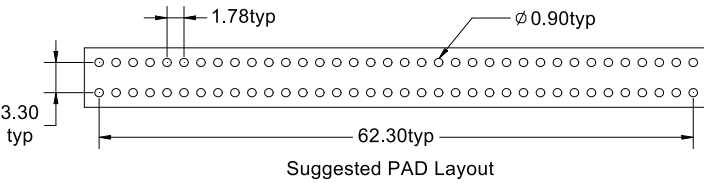
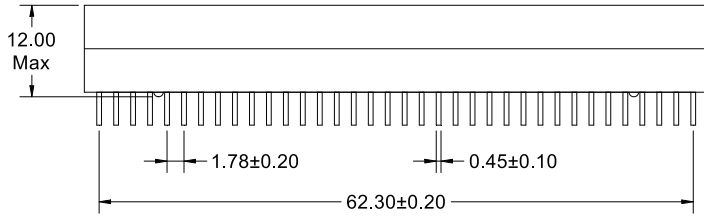
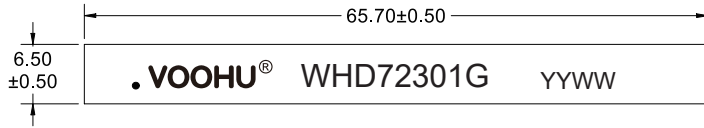
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苏州沃虎电子科技有限公司  
SuZhou Voohu Electronic Tech.Co.,Ltd

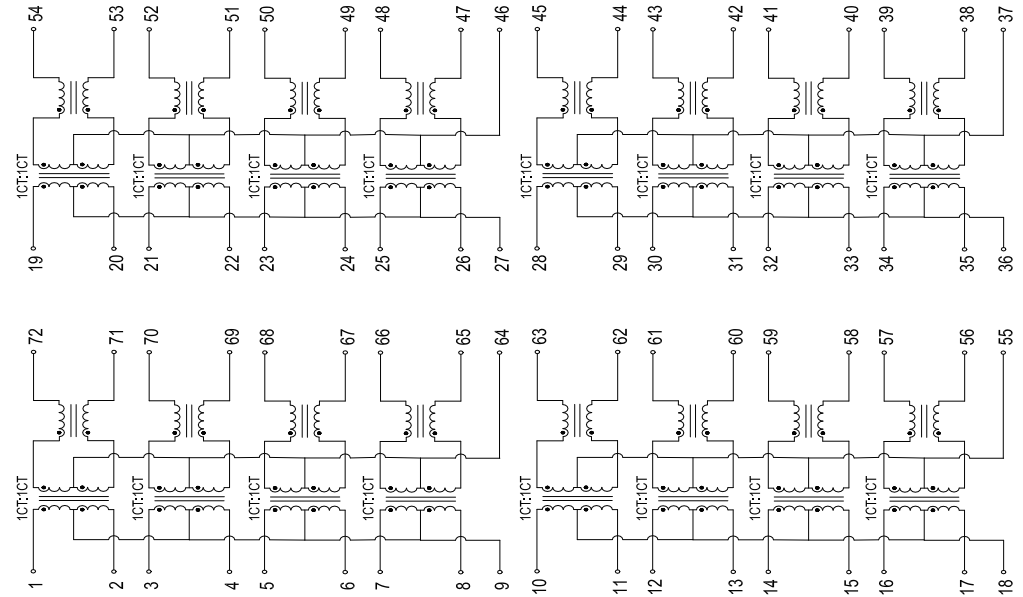
地址：江苏省苏州市吴江区阿尔法大厦A栋  
ADD: Building A, Alpha Building, Wujiang District,  
Suzhou City, Jiangsu Province

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

# A. MECHANICAL(unit:mm)



# B. Schematics



**VOOHU** 苏州沃虎电子科技有限公司  
Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE:  
100/1000 BASE-TA

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
WHDG72301-1G

SACLE  
1:1

REV  
A0

x±0.35  
.x±0.30

x°±3.0°  
.x°±2.0°

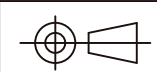
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Elvis.Song

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

REMARK:

SHEET  
1/3



.xx±0.25  
.xxx±0.10

.xx°±1.5°  
.xxx°±1.0°

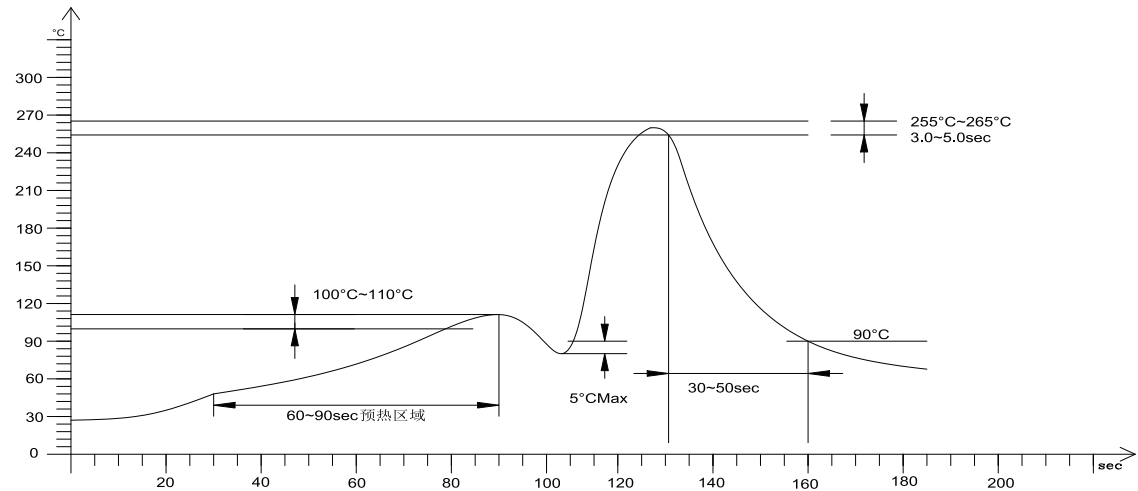
DESIGND BY:  
Sunny.Xu

### C. ELECTRICAL SPECIFICATIONS @25°C

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: -1.1 dB Max @ 1-100 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 0°C to +70°C
11. Storage temperature -40°C to +85°C

### D. RECOMMEND WAVE SOLDERING CURVE



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REMARK:

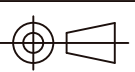
SIZE  
A4

SACLE  
1:1

SHEET  
2/3

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

x±0.35  
.x±0.30

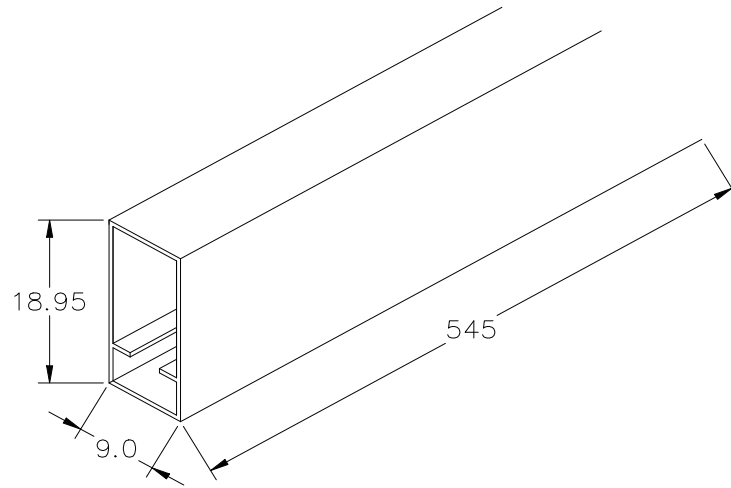
.xx±0.25  
.xxx±0.10

APPROVED BY:  
Geoffrey.Song

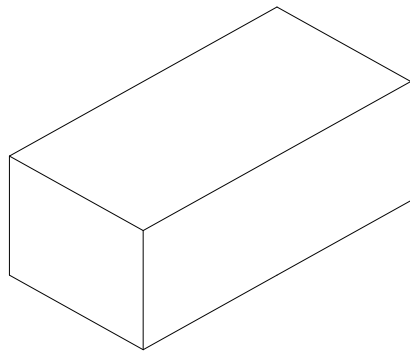
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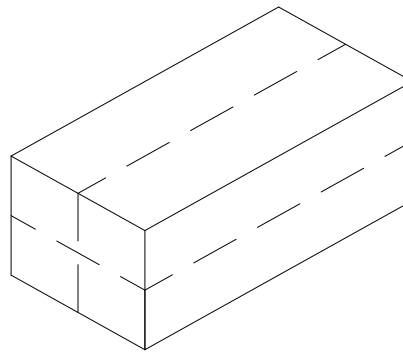
E. Packaging specification



Tube: 545\*9.0\*18.95mm



Inner Carton: L555\*W165\*H100mm



Export Carton: L570\*W370\*H240mm

Package Quantity:

One Tube=8Pcs

One Inner Carton=8\*72=576Pcs

One Export Carton=576\*4=2304Pcs

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GENERAL TOLERANCES  
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PART NO.:  
WHDG72301-1G

SACLE  
1:1

REV  
A0

$x \pm 0.35$   
 $.x \pm 0.30$

$x^\circ \pm 3.0^\circ$   
 $.x^\circ \pm 2.0^\circ$

CHECKED BY:  
Elvis.Song

REMARK:

SHEET  
3/3



$.xx \pm 0.25$   
 $.xxx \pm 0.10$

$.xx^\circ \pm 1.5^\circ$   
 $.xxx^\circ \pm 1.0^\circ$

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