

# Specification for Approval

## 产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHDG88403G

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**

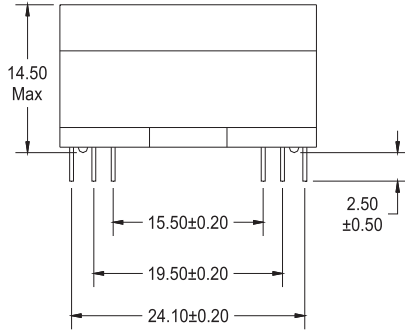
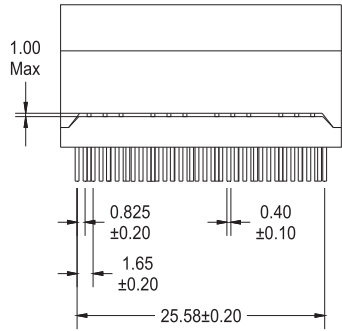
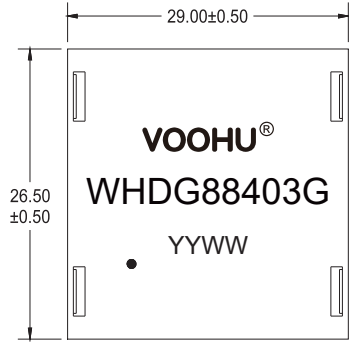
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苏州沃虎电子科技有限公司  
SuZhou Voohu Electronic Tech.Co.,Ltd

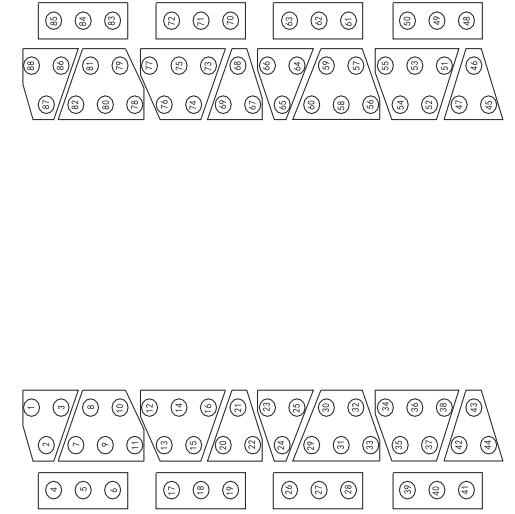
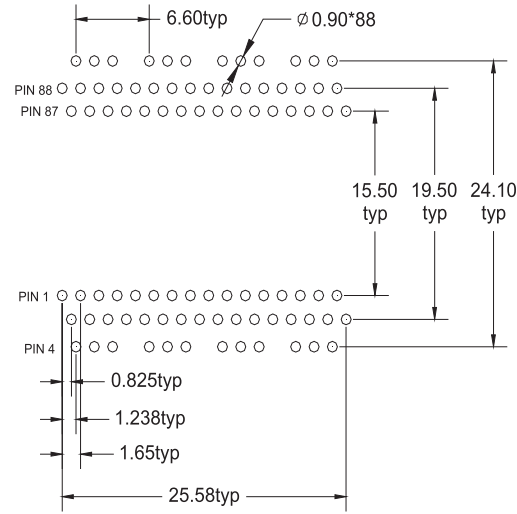
地址：江苏省苏州市吴江区阿尔法大厦A栋  
ADD: Building A, Alpha Building, Wujiang District,  
Suzhou City, Jiangsu Province

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

A. MECHANICAL(unit:mm)



B.PCB Layout mounting Hole(Top View)



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

TITLE:  
100/1000 BASE-T

PART NO.:  
WHDG88403G

REMARK:

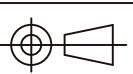
SIZE  
A4

SACLE  
1:1

SHEET  
1/4

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

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

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

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

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

APPROVED BY:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

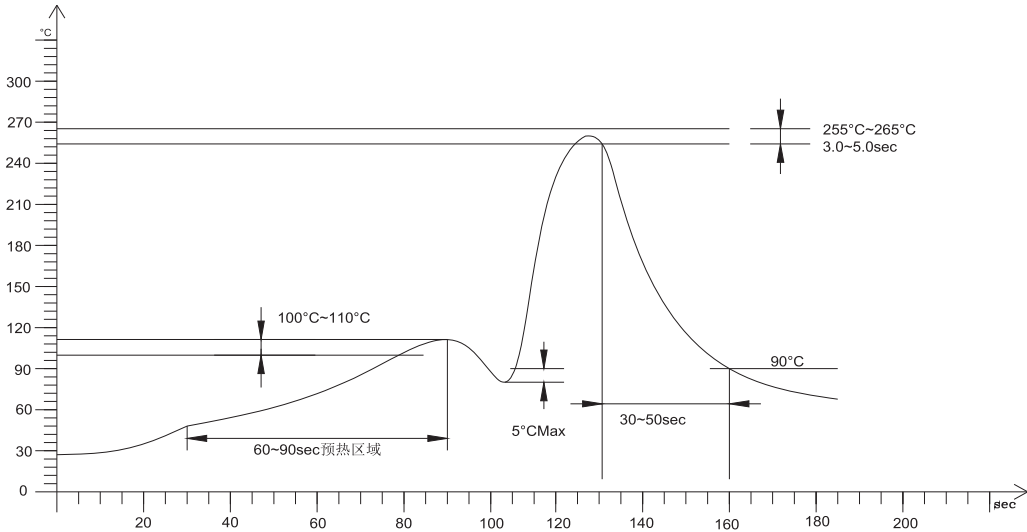
DESIGND BY:  
Sunny.Xu

	1	2	3	4	5	6	7	8	
H	<div>C. Schematics</div> <div></div>								H
G									G
F									F
E									E
D									D
C									C
B									B
A	<div> 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd</div>		TITLE: 100/1000 BASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
			PART NO.: WHDG88403G	SACLE 1:1	REV A0	<div><div><math>x \pm 0.35</math></div><div><math>.x \pm 0.30</math></div></div> <div><div><math>x^\circ \pm 3.0^\circ</math></div><div><math>.x^\circ \pm 2.0^\circ</math></div></div>	CHECKED BY: Elvis.Song		
	TEL: +86 400 1048 018	WEB: <a href="http://WWW.WOHU-TEK.COM">WWW.WOHU-TEK.COM</a>	REMARK:	SHEET 2/4		<div><div><math>.xx \pm 0.25</math></div><div><math>.xxx \pm 0.10</math></div></div> <div><div><math>.xx^\circ \pm 1.5^\circ</math></div><div><math>.xxx^\circ \pm 1.0^\circ</math></div></div>	DESIGND BY: Sunny.Xu		
	1	2	3	4	5	6	7	8	

D. ELECTRICAL SPECIFICATIONS @25°C

- Unless Otherwise Specified, Testing is Performed at 25°C ± 5°C
- 1. OCL: 350uH 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
    - 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

E. RECOMMEND WAVE SOLDERING CURVE



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REMARK:

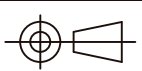
SIZE  
A4

SACLE  
1:1

SHEET  
3/4

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

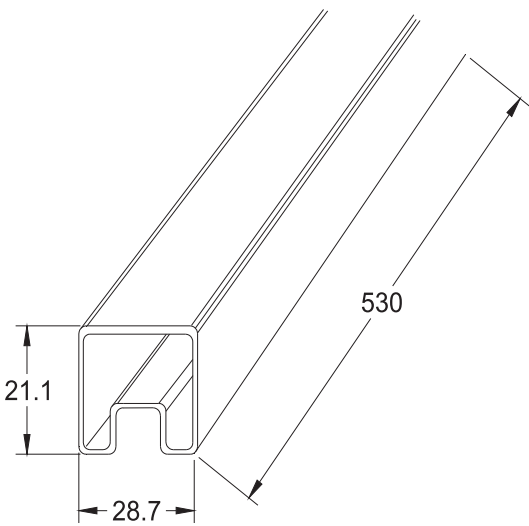
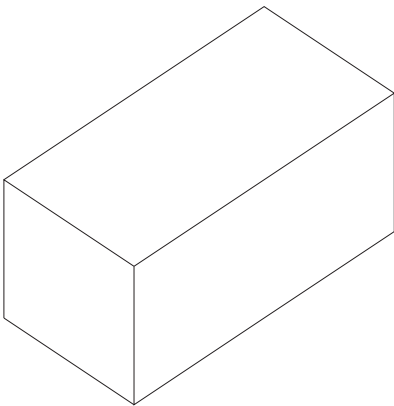
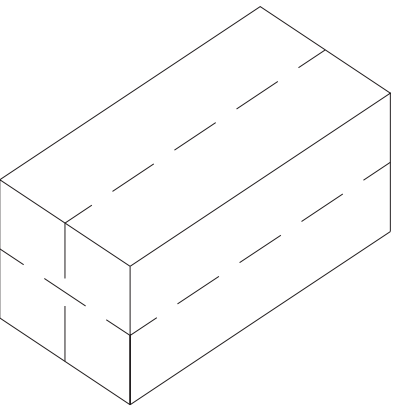

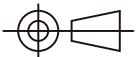
x±0.35 x°±3.0°  
.x±0.30 .x°±2.0°

.xx±0.25 .xx°±1.5°  
.xxx±0.10 .xxx°±1.0°

APPROVED BY:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

DESIGND BY:  
Sunny.Xu

	1	2	3	4	5	6	7	8	
H	<div>F. Packaging specification</div> <div>  <p>Tube: 530*28.7*21.1mm</p> </div> <div>  <p>Inner Carton: L555*W165*H100mm</p> </div> <div>  <p>Export Carton: L583*W370*H240mm</p> </div> <div> <p>Package Quantity:</p> <p>One Tube=17Pcs</p> <p>One Inner Carton=17*20=340Pcs</p> <p>One Export Carton=340*4=1360Pcs</p> </div>								
B	 <div>           苏州沃虎电子科技有限公司            Su Zhou Voohu Electronic Tech.Co.Ltd         </div>		TITLE: 100/1000 BASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
			PART NO.: WHDG88403G	SACLE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song	
A			REMARK:	SHEET 4/4		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu	
	1	2	3	4	5	6	7	8	