

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHD12502G

Version No.:

V0.1

Description:

10/100 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

—— 连接世界 · 通信未来 ——

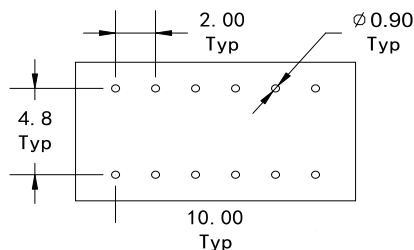
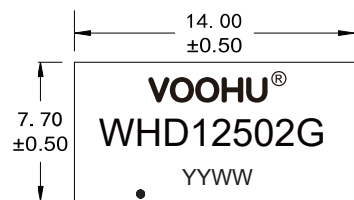
苏州沃虎电子科技有限公司
SuZhou Voohu Electronic Tech.Co.,Ltd

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

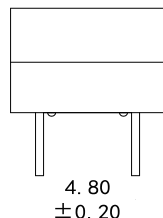
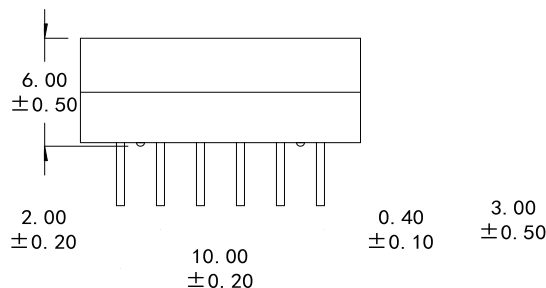
TEL: +86 400 1048 018
+86 13338655578

WEB: www.wohu-tek.com/
E-MAIL: wohu@wohu-tek.com

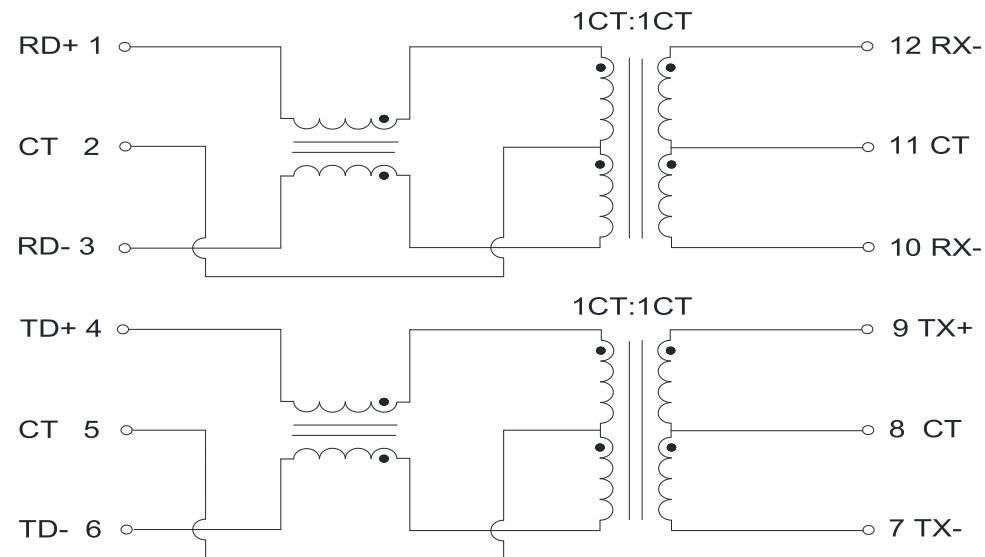
A. MECHANICAL(unit:mm)



SUGGESTED PAD LAYOUT



B. Schematics



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WEB: WWW.WOHU-TEK.COM

TITLE:
10/100 BASE-T

PART NO.:
WHD12502G

REMARK:

SIZE
A4

SACLE
1:1

SHEET
1/3

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

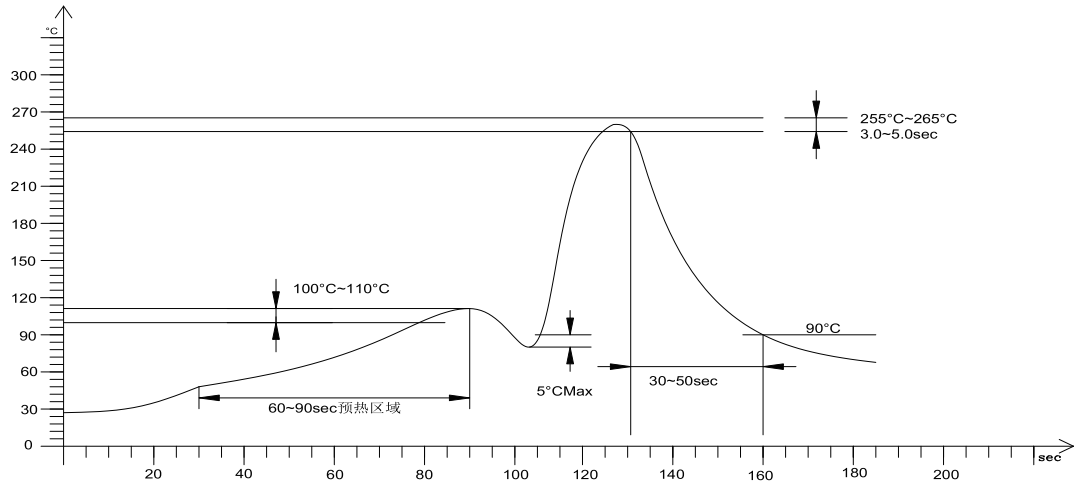
DESIGND BY:
Sunny.Xu

C. ELECTRICAL SPECIFICATIONS @25℃

Unless Otherwise Specified, Testing is Performed at 25℃ ± 5℃

- 1. OCL: 350uH Min @ 100KHz, 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
- 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℃ to +70℃
- 11. Storage temperature -40℃ to +85℃

D. RECOMMEND WAVE SOLDERING CURVE



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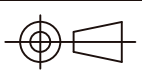
SIZE
A4

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

x°±3.0°
.x°±2.0°

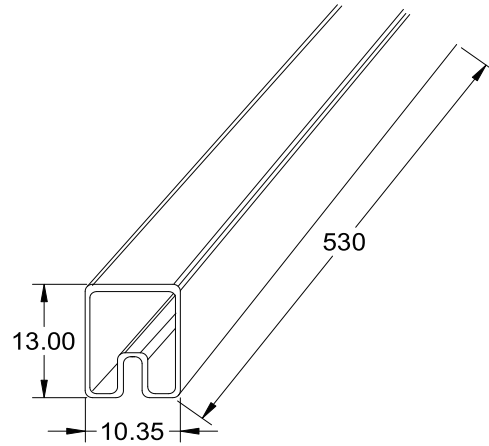
.xx°±1.5°
.xxx°±1.0°

APPROVED BY:
Geoffrey.Song

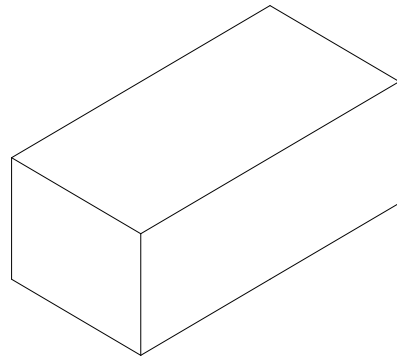
CHECKED BY:
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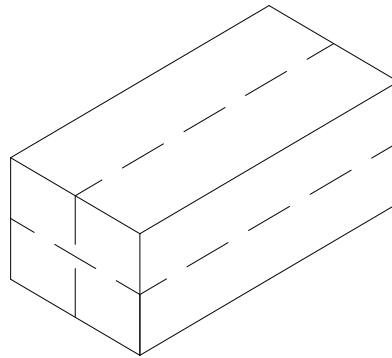
E. Packaging specification



Tube: 535*13.0*10.35mm



Inner Carton: L570*W180*H100mm



Export Carton: L580*W380*H240mm

Package Quantity:
One Tube=36Pcs
One Inner Carton=3240Pcs
One Export Carton=12960Pcs

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SACLE
1:1

REV
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$x \pm 0.35$
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REMARK:

SHEET
3/3



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

$.xx^\circ \pm 1.5^\circ$
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DESIGND BY:
Sunny.Xu