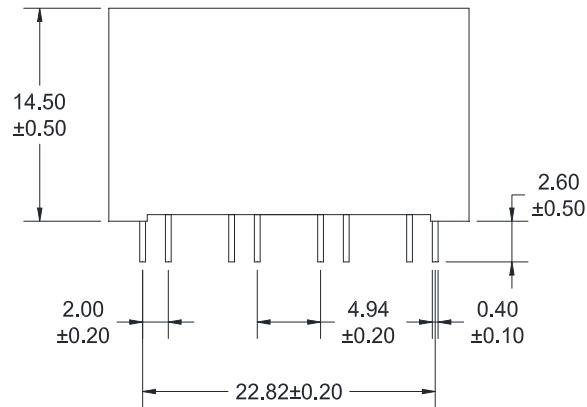
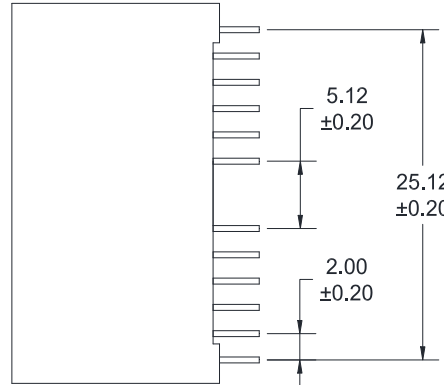
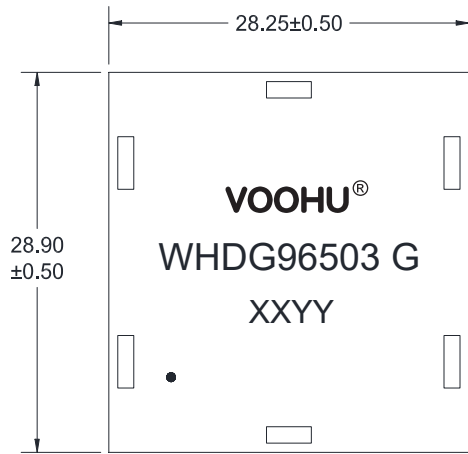
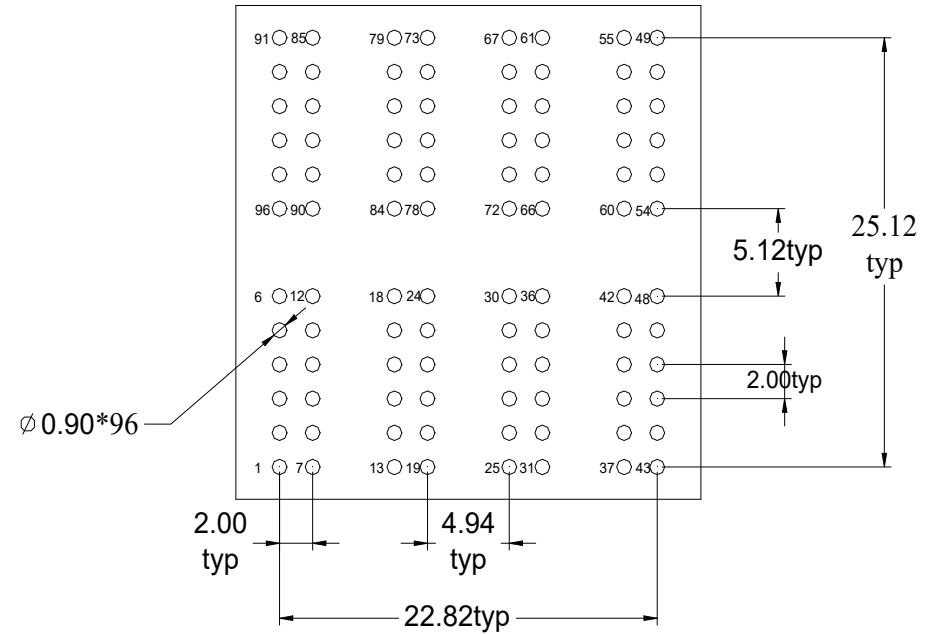


A. MECHANICAL(unit:mm)



B. PCB Layout mounting Hole(Top View)



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Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

TITLE:
100/1000 BASE-T

PART NO.:
WHDG96503 G

REMARK:

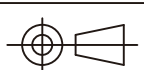
SIZE
A4

SACLE
1:1

SHEET
1/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

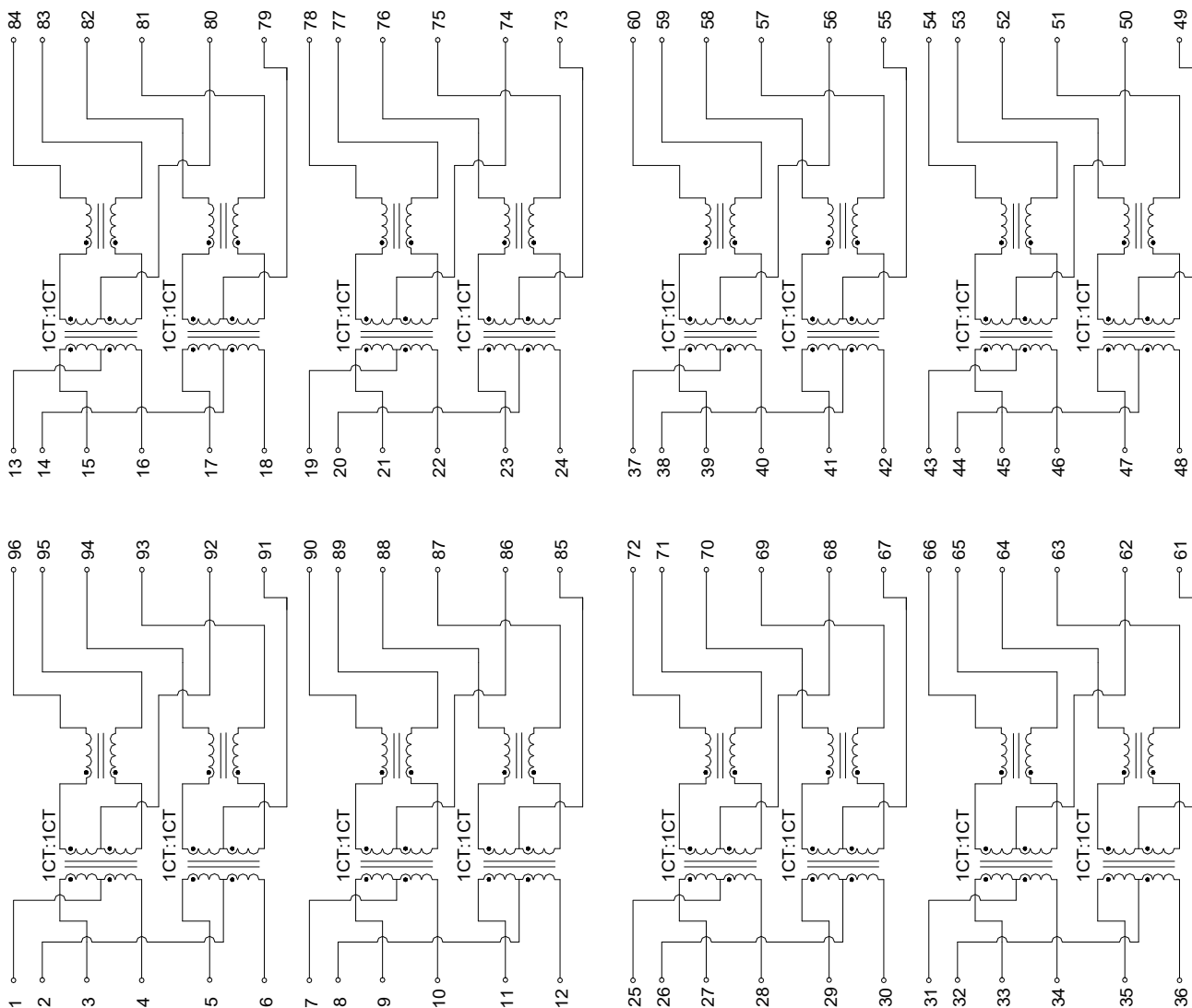
$x \pm 0.35$	$x^\circ \pm 3.0^\circ$
$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$
$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$
$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

C. SCHEMATICS



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TITLE:
100/1000 BASE-T

PART NO.:
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REMARK:

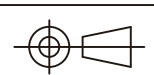
SIZE
A4

SACLE
1:1

SHEET
2/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

$x \pm 0.35$	$x^\circ \pm 3.0^\circ$
$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$
$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$
$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

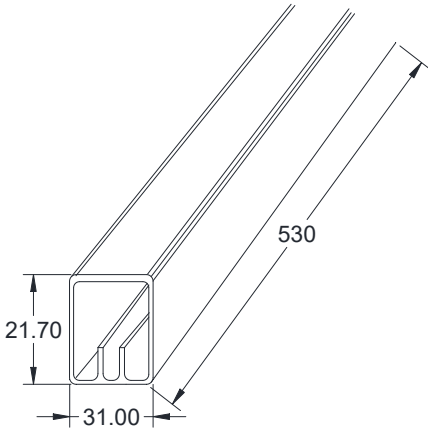
TEL: +86 400 1048 018

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D. ELECTRICAL SPECIFICATIONS @25°C

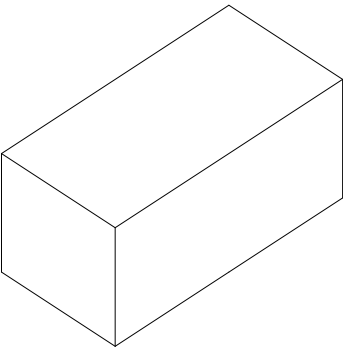
1. OCL: 350 uH Min @ 100KHz, 0.1V 8mA DC BIAS
2. Leakage Inductance: 0.5 uH Max @ 100KHz, 0.1V
3. DCR: 1400 mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.1 dB Max @ 1-100 MHz
6. Return Loss: -18 dB Min @ 1-30 MHz
-14.4 dB Min @ 40 MHz
-13.1 dB Min @ 50 MHz
-12 dB Min @ 60-80 MHz
-10 dB Min @ 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
12. IEEE802.3af compliant performance---350mA Current Capability

E. PACKAGE INFORMATION

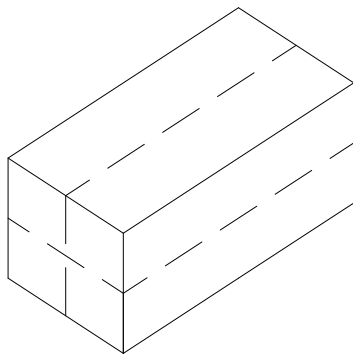


Tube: 530*31.00*21.70mm

Package Quantity:
One Tube=17Pcs
One Inner Carton=17*20=340Pcs
One Export Carton=340*4=1360Pcs



Inner Carton: L575*W170*H87mm



Export Carton: L583*W380*H210mm

A	 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: 100/1000 BASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
			PART NO.: WHDG96503 G	SACLE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song
	TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM		REMARK:	SHEET 3/3		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu