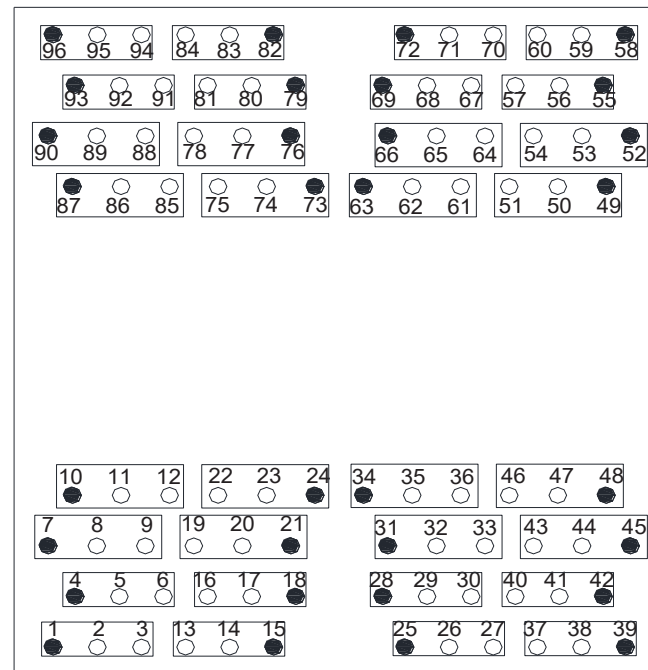
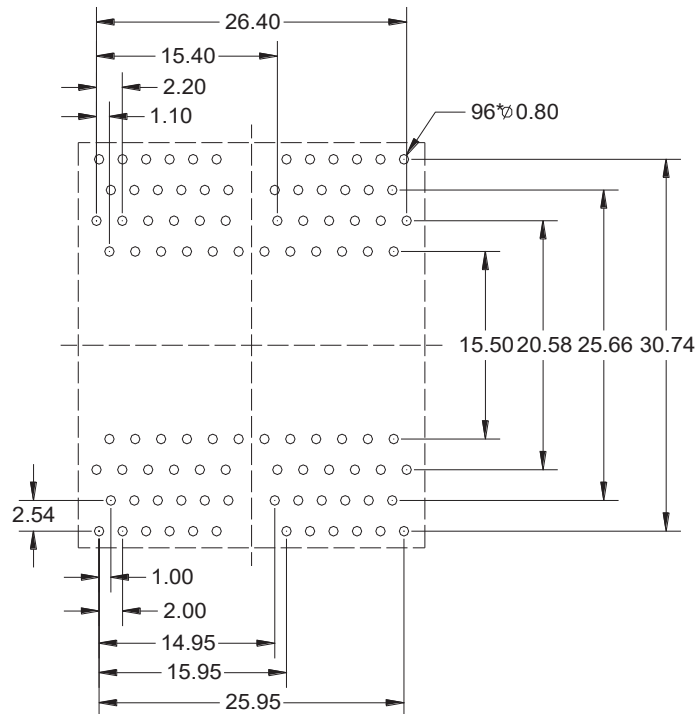
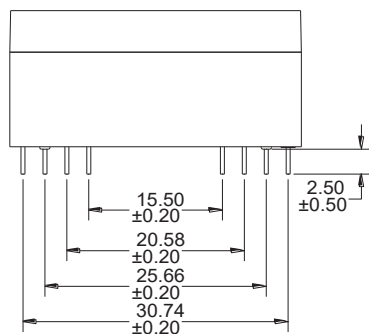
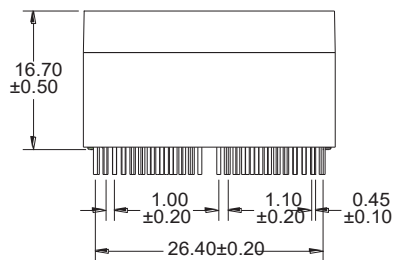
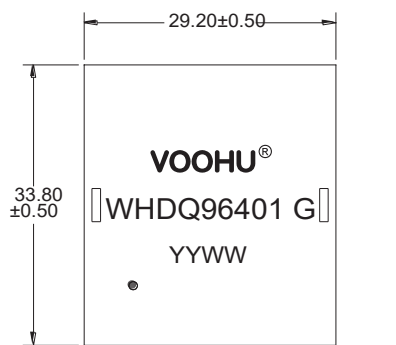


A. MECHANICAL(unit:mm)

B. PCB Layout mounting Hole(Top View)



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

TITLE:  
2.5/5G BASE-T

SIZE  
A4  
UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
WHDQ96401 G

SACLE  
1:1

REV  
A0

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

CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

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

REMARK:

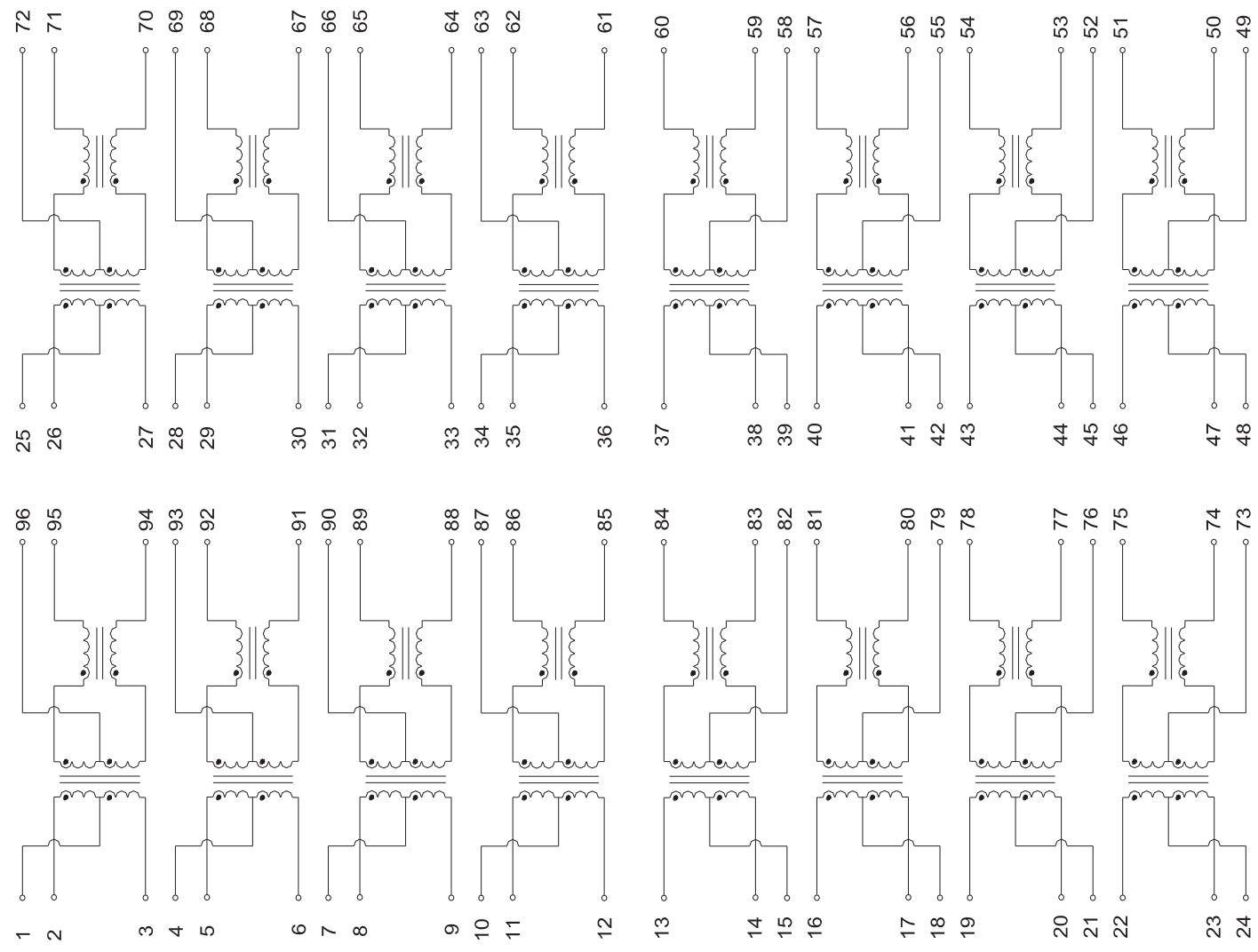
SHEET  
1/4



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

DESIGND BY:  
Sunny.Xu

C. SCHEMATICS



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Su Zhou Voohu Electronic Tech.Co.Ltd


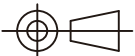
PART NO.:	TITLE:	SIZE	UNITS	GENERAL TOLERANCES		APPROVED BY:	
	2.5/5G BASE-T	A4	MM[INCH]	UNLESS SPECIFIED			Geoffrey.Song
WHDQ96401 G	REMARK:	SACLE	REV	x±0.35	x°±3.0°	CHECKED BY:	
				1:1	A0		.x±0.30
TEL: +86 400 1048 018	WEB: WWW.WOHU-TEK.COM	SHEET	2/4		.xx±0.25	.xx°±1.5°	DESIGND BY:
					.xxx±0.10	.xxx°±1.0°	

H  
G  
F  
E  
D  
C  
B  
A

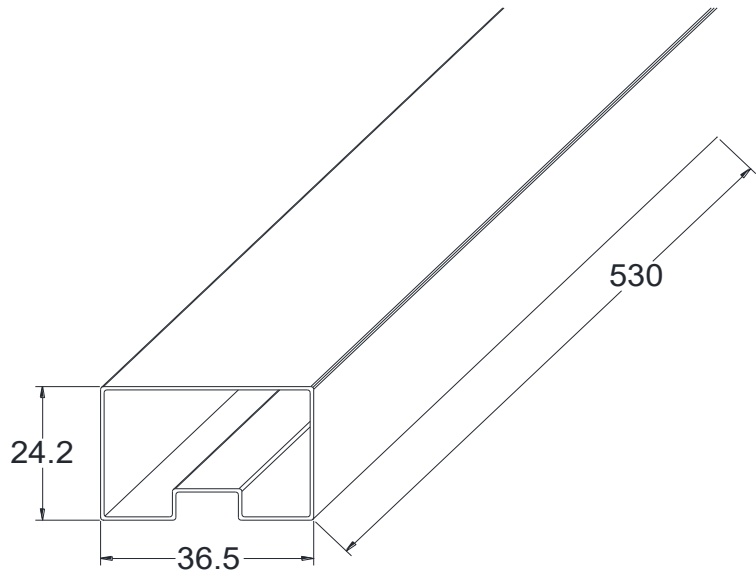
H  
G  
F  
E  
D  
C  
B  
A

**D. ELECTRICAL SPECIFICATIONS @25°C**

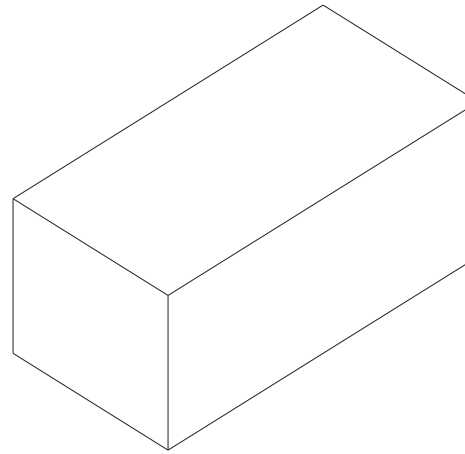
1. OCL: 200uH Min @ 100KHz 0.1V
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 1000mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.0 dB Max @ 1-100 MHz  
-2.0 dB Max @ 100-250 MHz
6. Return Loss: -16 dB Min @  $1 \leq f \leq 40$  MHz  
-16+10log(f/40) dB Min @  $40 < f \leq 250$  MHz, where f is in MHz
7. Cross Talk: -30 dB Typ @ 1-250 MHz
8. Common Mode Rejection Ratio: -30 dB Typ @ 1-250 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
10. Operating temperature 0°C to +70°C
11. Storage temperature -40°C to +85°C

 <b>苏州沃虎电子科技有限公司</b> Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE: 2. 5/5G BASE-T		SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
	PART NO.: WHDQ96401 G		SACLE 1:1	REV A0	.xx±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song	
	REMARK:		SHEET 3/4		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu	
TEL: +86 400 1048 018	WEB: <a href="http://WWW.WOHU-TEK.COM">WWW.WOHU-TEK.COM</a>							

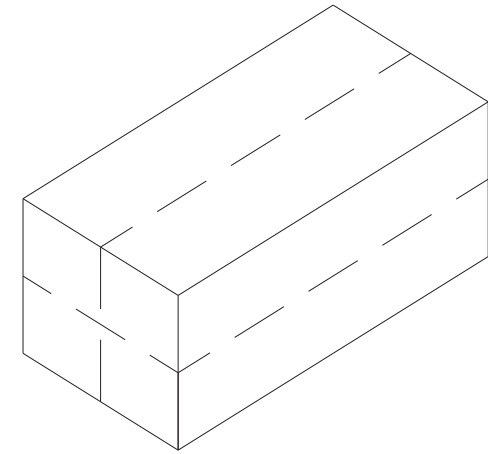
# D. PACKAGE INFORMATION



Tube: 530\*24.2\*36.5mm



Inner Carton: L575\*W170\*H87mm




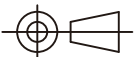
Export Carton: L583\*W380\*H210mm

Package Quantity:

One Tube=17Pcs

One Inner Carton=17\*16=272Pcs

One Export Carton=272\*4=1088Pcs

 <b>苏州沃虎电子科技有限公司</b> Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE: 2. 5/5G BASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: WHDQ96401 G	SACLE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song
	REMARK:	SHEET 4/4		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu
TEL: +86 400 1048 018	WEB: <a href="http://WWW.WOHU-TEK.COM">WWW.WOHU-TEK.COM</a>					