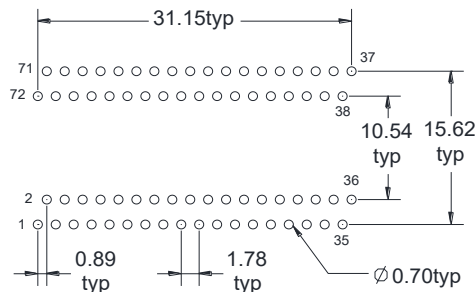
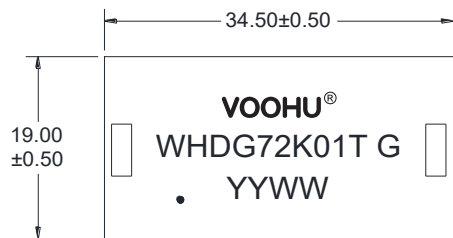
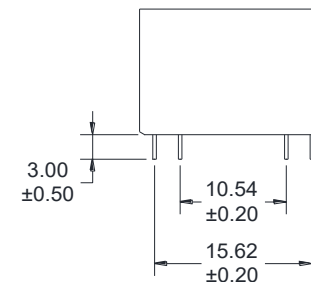
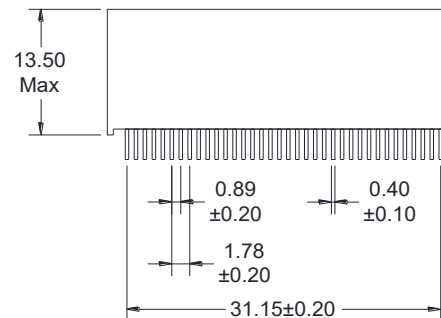


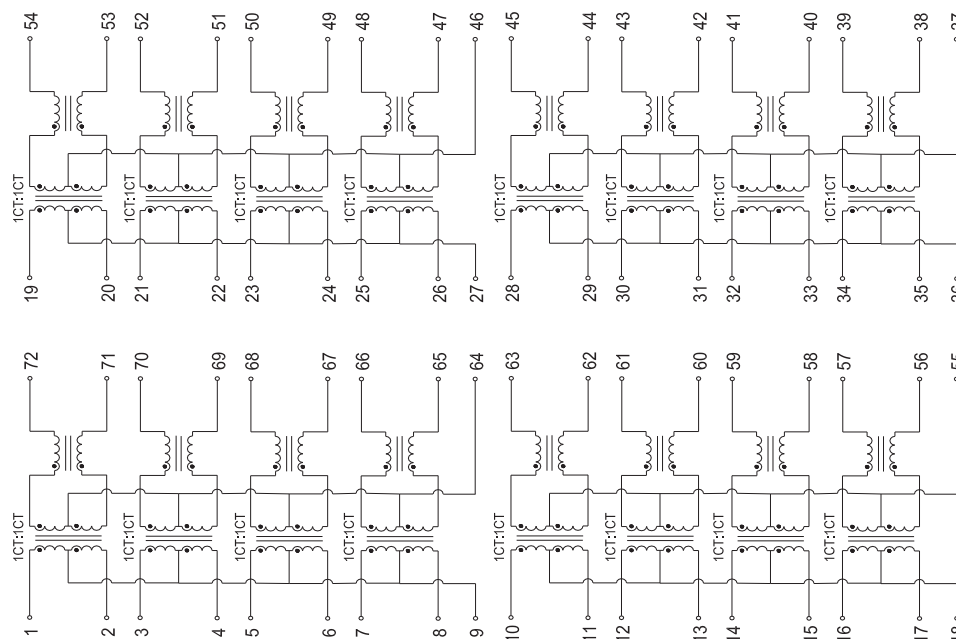
# A. MECHANICAL(unit:mm)



SUGGESTED PAD LAYOUT



# 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-T

PART NO.:  
WHDG72K01T G

REMARK:

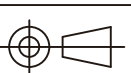
SIZE  
A4

SACLE  
1:1

SHEET  
1/4

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

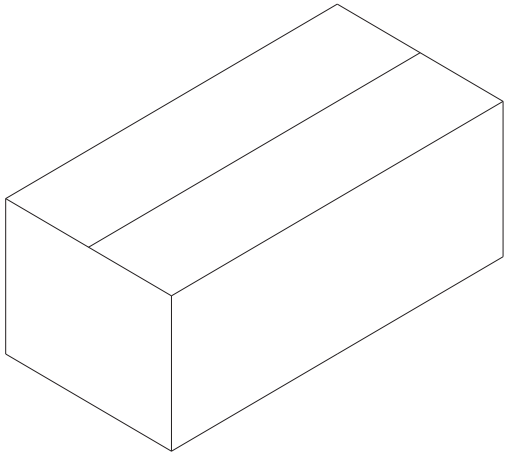
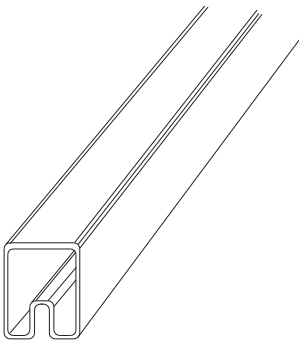
CHECKED BY:  
Elvis.Song

DESIGND BY:  
Sunny.Xu

C. ELECTRICAL SPECIFICATIONS @25°C

- 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
  - 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 -40°C to +85°C
- 11. Storage temperature -40°C to +125°C

D. PACKAGE INFORMATION



Package Quantity:  
One Tube=14Pcs  
One Carton=14\*108=1512Pcs

Carton: L550\*W255\*H195mm

<div><div>VOOHU</div><div>苏州沃虎电子科技有限公司</div><div>Su Zhou Voohu Electronic Tech.Co.Ltd</div></div>		TITLE: 100/1000 BASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: WHDG72K01T G	SACLE 1:1	REV A0	<div><div>x±0.35</div><div>.x±0.30</div></div>	<div><div>x°±3.0°</div><div>.x°±2.0°</div></div>	CHECKED BY: Elvis.Song
TEL: +86 400 1048 018	WEB: WWW.WOHU-TEK.COM	REMARK:	SHEET 1/4		<div><div>.xx±0.25</div><div>.xxx±0.10</div></div>	<div><div>.xx°±1.5°</div><div>.xxx°±1.0°</div></div>	DESIGND BY: Sunny.Xu