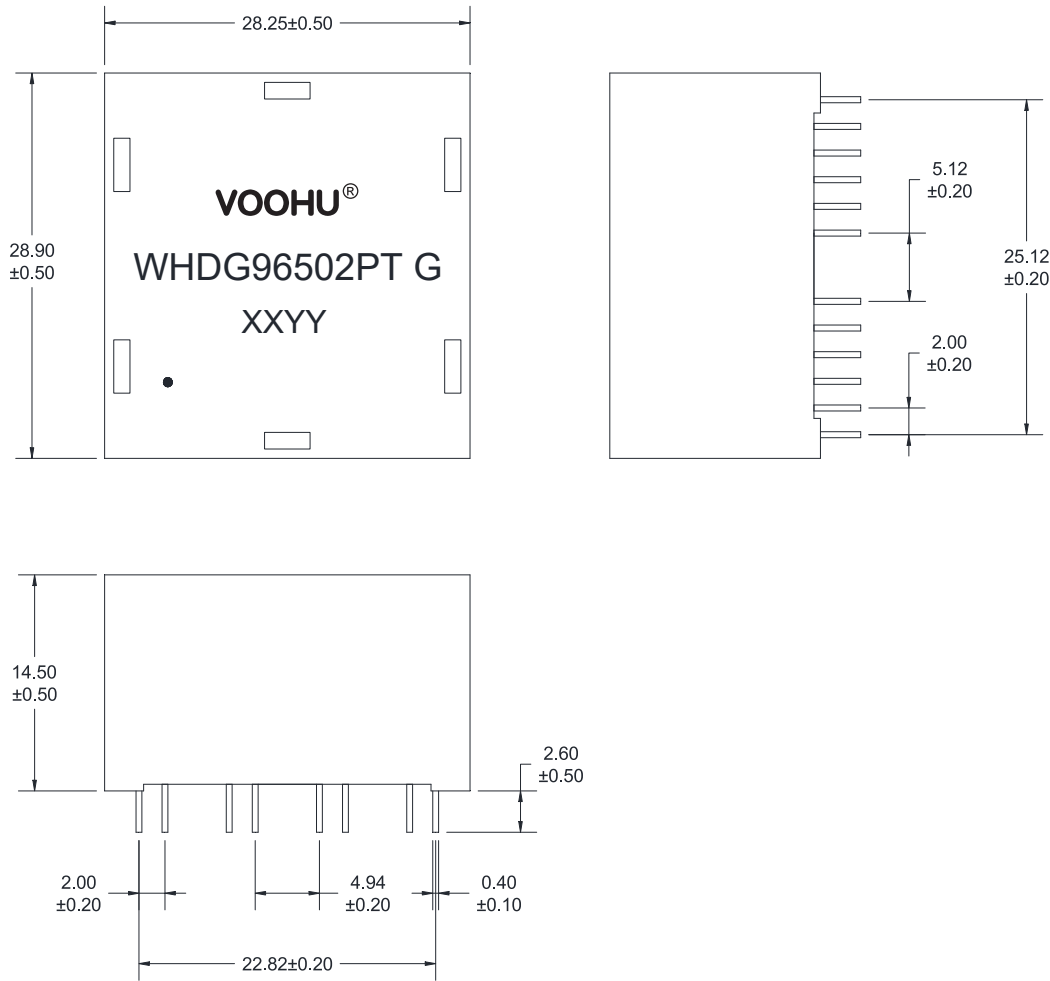
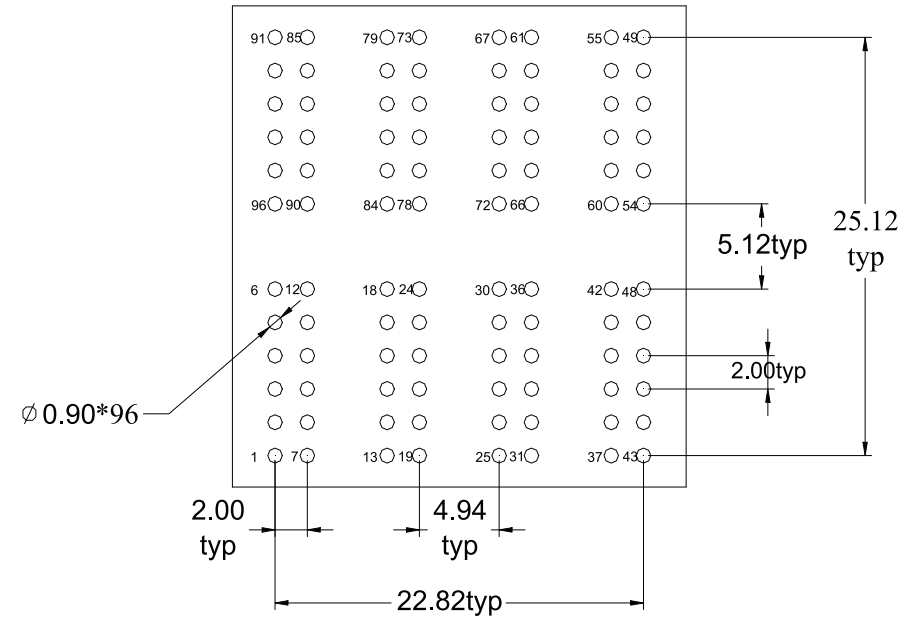


A. MECHANICAL(unit:mm)



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

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WEB: WWW.WOHU-TEK.COM

TITLE:
100/1000 BASE-T

PART NO.:
WHDG96502PT G

REMARK:

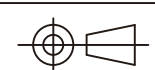
SIZE
A4

SACLE
1:1

SHEET
1/2

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

$x \pm 0.35$
 $.x \pm 0.30$
 $.xx \pm 0.25$
 $.xxx \pm 0.10$

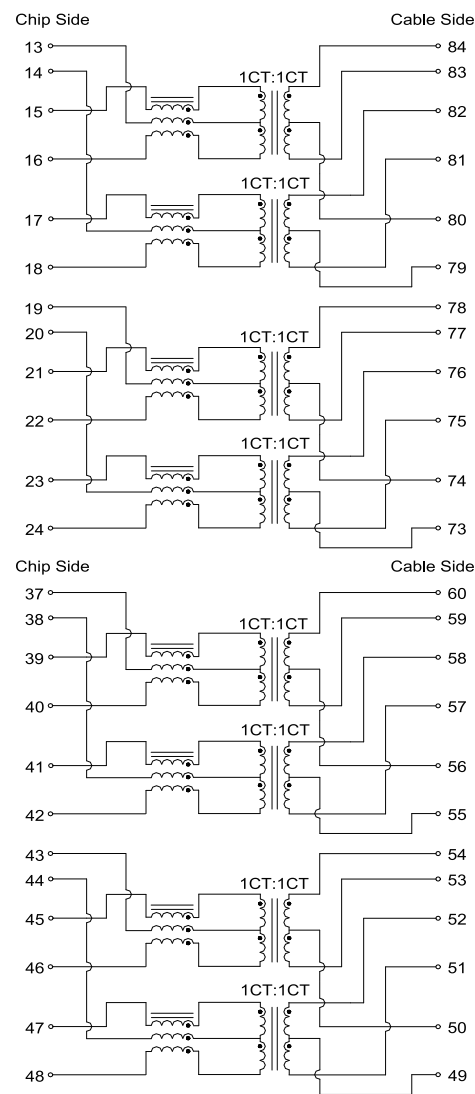
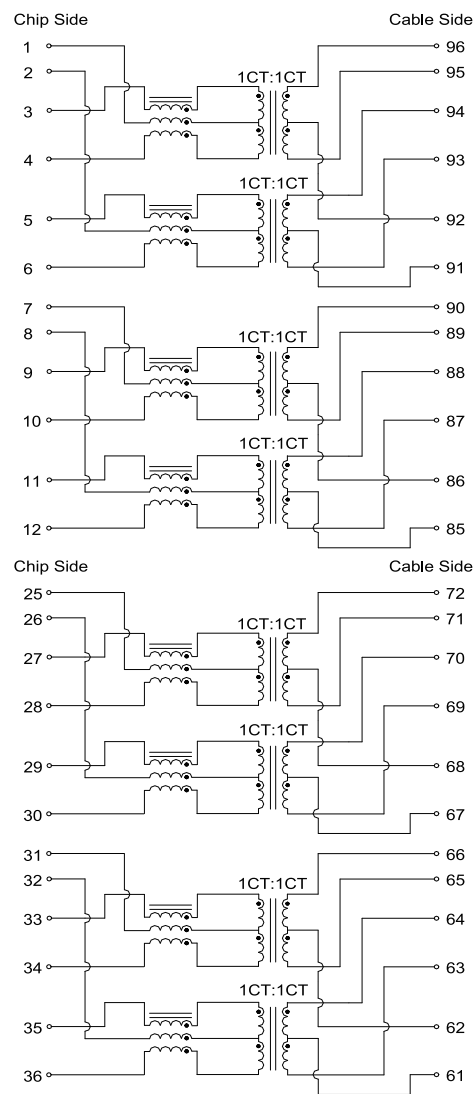
$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$
 $.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

C. SCHEMATICS



D. ELECTRICAL SPECIFICATIONS @25°C

1. OCL: 350 uH Min @ 100KHz, 0.1V 21mA 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: -1.2 dB Max @ 0.5-1 MHz
-0.2-0.002*f^{1.4} dB Max @ 1-125 MHz
6. Return Loss: -16 dB Min @ 1-40 MHz
-10+20*log (f/80) dB Min @ 40.1-100 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 +85°C
12. IEEE802.3at compliant performance---720mA Current Capability

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PART NO.: WHDG96502PT G

REMARK:

SIZE
A4

SACLE
1:1

SHEET
2/2

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35
.x±0.30
.xx±0.25
.xxx±0.10

$x^{\circ} \pm 3.0^{\circ}$
$.x^{\circ} \pm 2.0^{\circ}$
$.xx^{\circ} \pm 1.5^{\circ}$
$.xxx^{\circ} \pm 1.0^{\circ}$

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