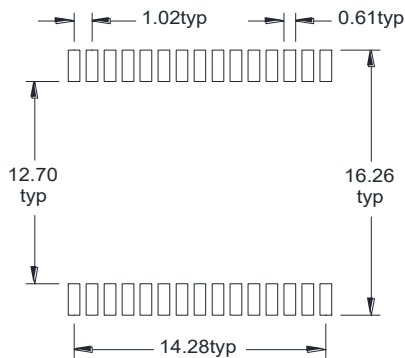
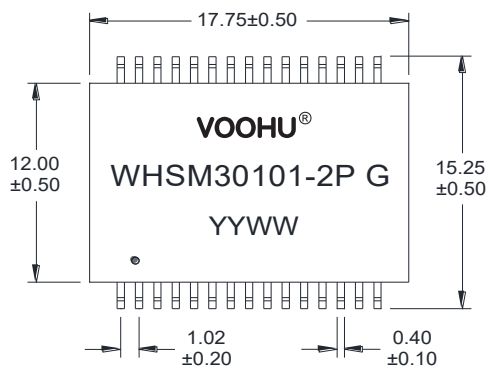
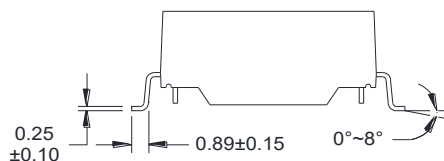


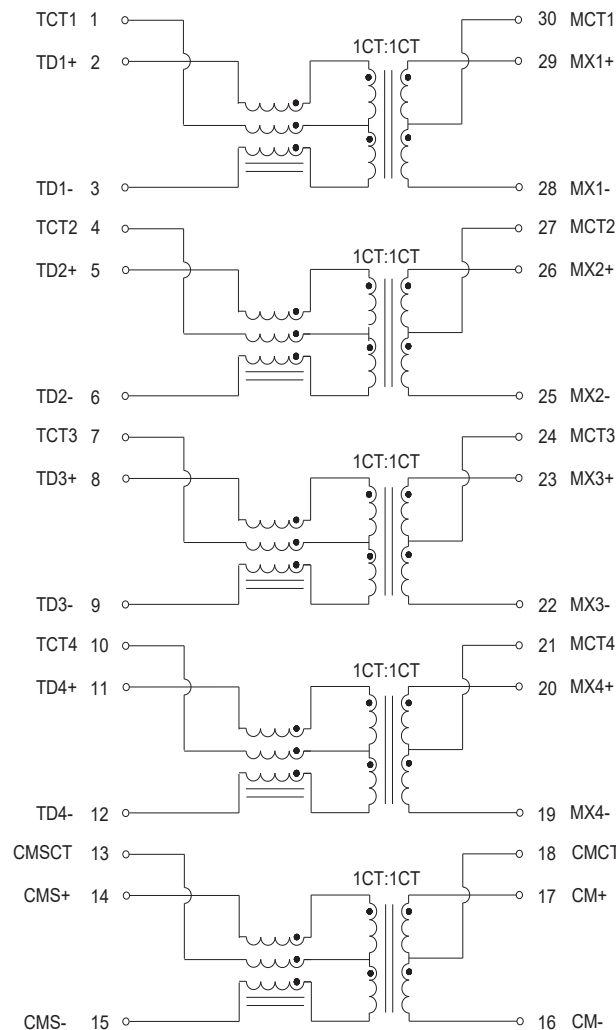
A. MECHANICAL(unit:mm)



Suggested PAD Layout



B. SCHEMATICS



TITLE:

10G BASE-T

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

WHSM30101-2P G

SACLE
1:1

REV
A0

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

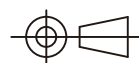
$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$

CHECKED BY:

Elvis.Song

REMARK:

SHEET
1/4



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

$.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

DESIGND BY:

Sunny.Xu

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

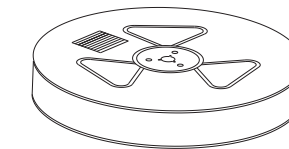
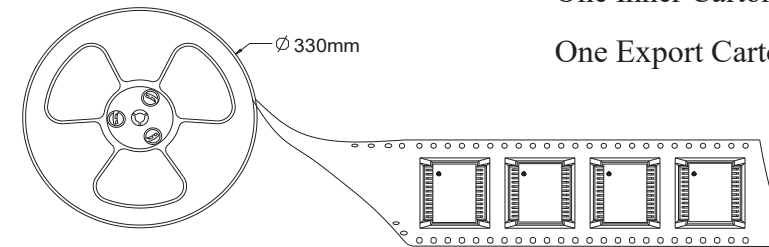
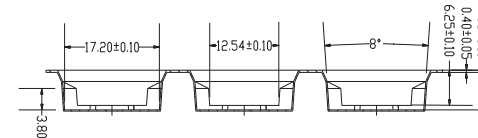
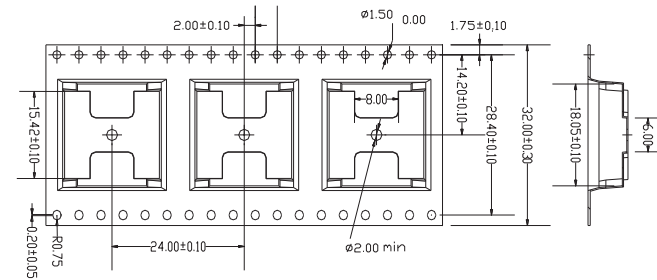
TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

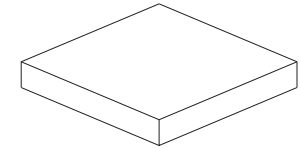
C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL: 120 uH Min @100KHz 100mV with 21mA DC Bias
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 900mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.2dB max @ 1~200 MHz
-1.5dB max @ 200~300 MHz
-2.0dB max @ 300~400 MHz
-3.0dB max @ 400~500 MHz
6. Return Loss: -18 dB Min @ 1~100 MHz
-16 dB Min @ 100~200 MHz
-12 dB Min @ 200~300 MHz
-10 dB Min @ 300~400 MHz
-8 dB Min @ 400~500 MHz
7. Cross Talk: -25 dB Typ @ 1-500 MHz
8. Common Mode Rejection: -25 dB Typ @ 1-500 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
10. Operating temperature 0°C to +70°C
11. Storage temperature -40°C to +85°C
12. PoE Support 60W: Each channel support 1200mA DC balance current

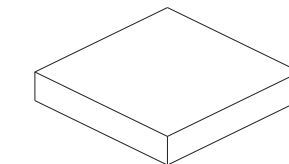
D. PACKAGE INFORMATION



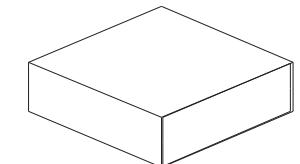
Two reel



Inner Carton



Five Inner Carton



Export Carton

Package Quantity:

One Reel=350Pcs

One Inner Carton=350*2=700Pcs

One Export Carton=700*5=3500Pcs

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

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

TITLE:
10G BASE-T

PART NO.:
WHSM30101-2P G

REMARK:

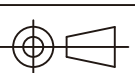
SIZE
A4

SACLE
1:1

SHEET
1/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35
.x±0.30
.xx±0.25
.xxx±0.10

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu