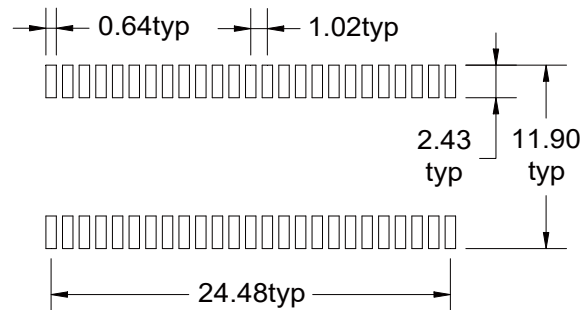
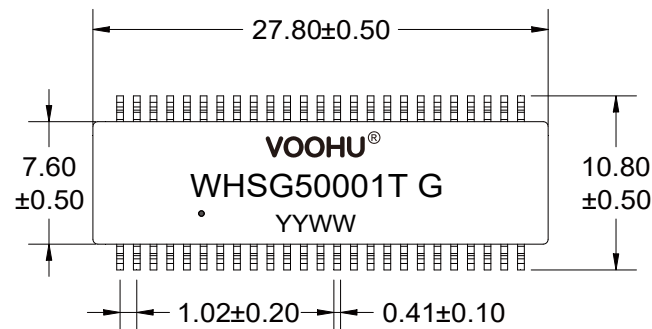
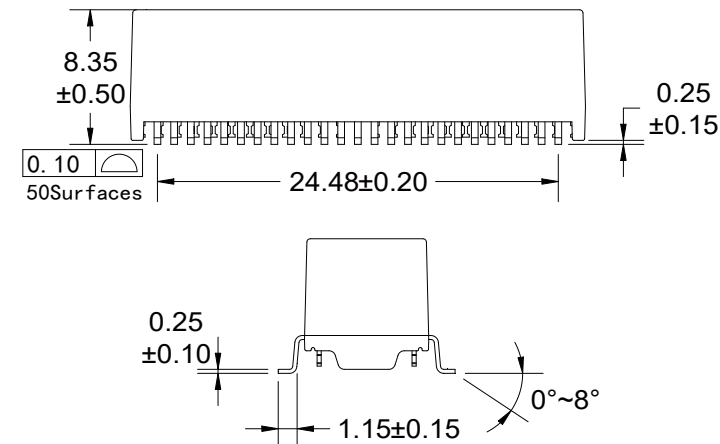


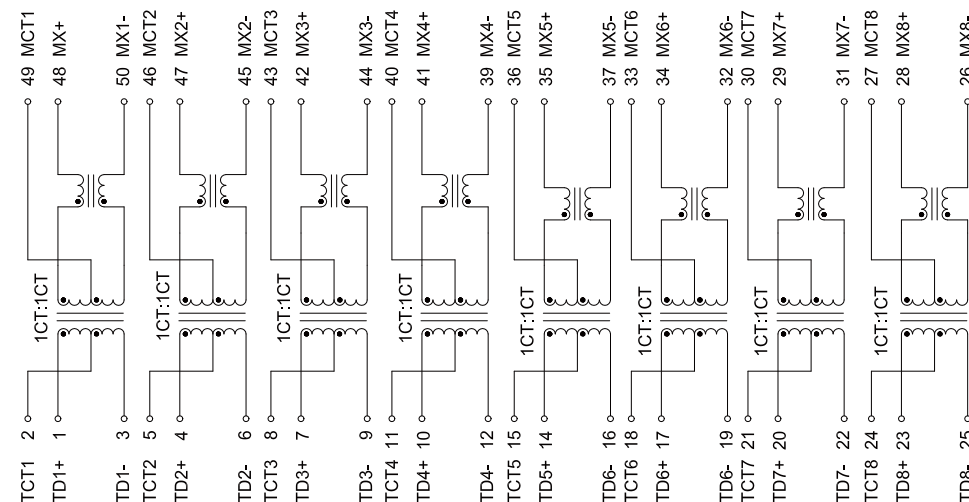
A. MECHANICAL(unit:mm)



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.:
WHSG50001T G

REMARK:

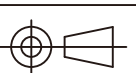
SIZE
A4

SACLE
1:1

SHEET
1/2

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

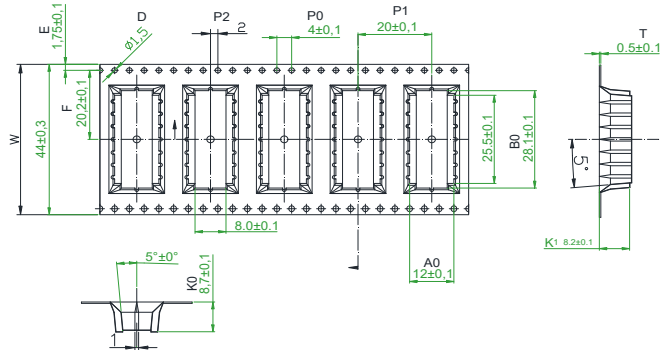
TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

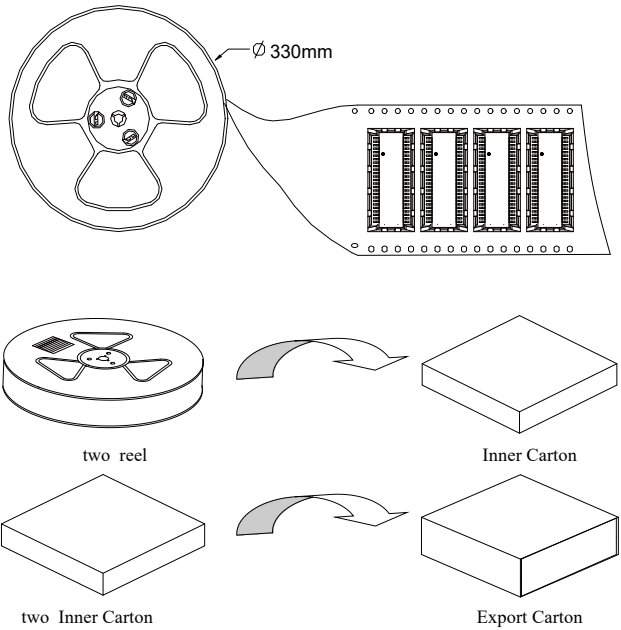
C. ELECTRICAL SPECIFICATIONS @25℃

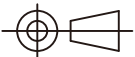
1. OCL: 350uH Min @ 100 KHz, 0.1V with 8mA DC BIAS
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 1400mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.1 dB Max @ 1-100 MHz
6. Return Loss: -18 dB Min @ 1-30 MHz
 - 14.4 dB Min @ 40 MHz
 - 13.1 dB Min @ 50 MHz
 - 12 dB Min @ 60-80 MHz
 - 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℃ to +85℃
11. Storage temperature -40℃ to +85℃
12. PoE Support 15W: Each channel support 350mA DC balance current

D. PACKAGE INFORMATION



Package Quantity:
One Reel=350Pcs
One Inner Carton=350*2=700Pcs
One Export Carton=700*2=1400Pcs



 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.: WHS50001T G	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
		REMARK:	SHEET 2/2		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
TEL: +86 400 1048 018		WEB: WWW.WOHU-TEK.COM				.xxx±0.10	.xxx°±1.0°