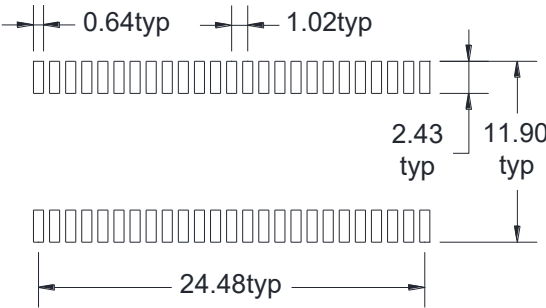
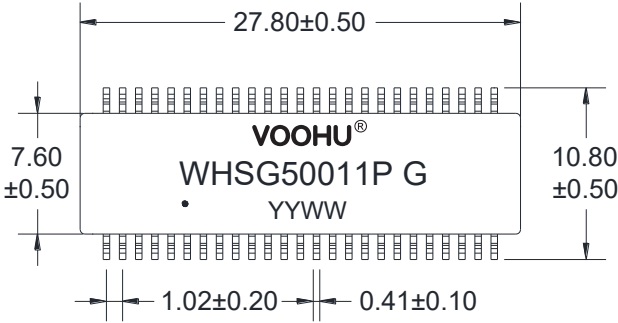
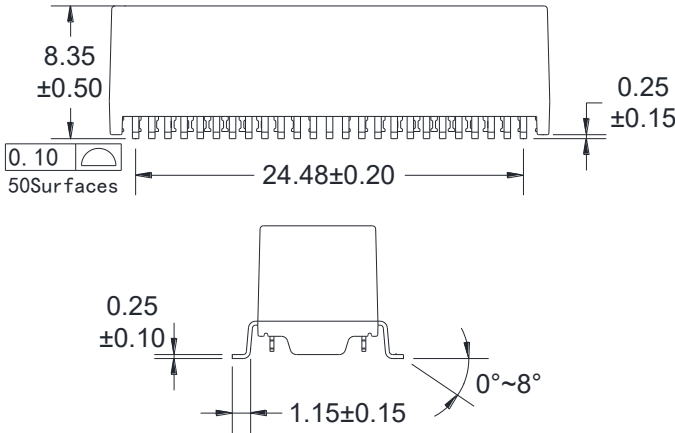


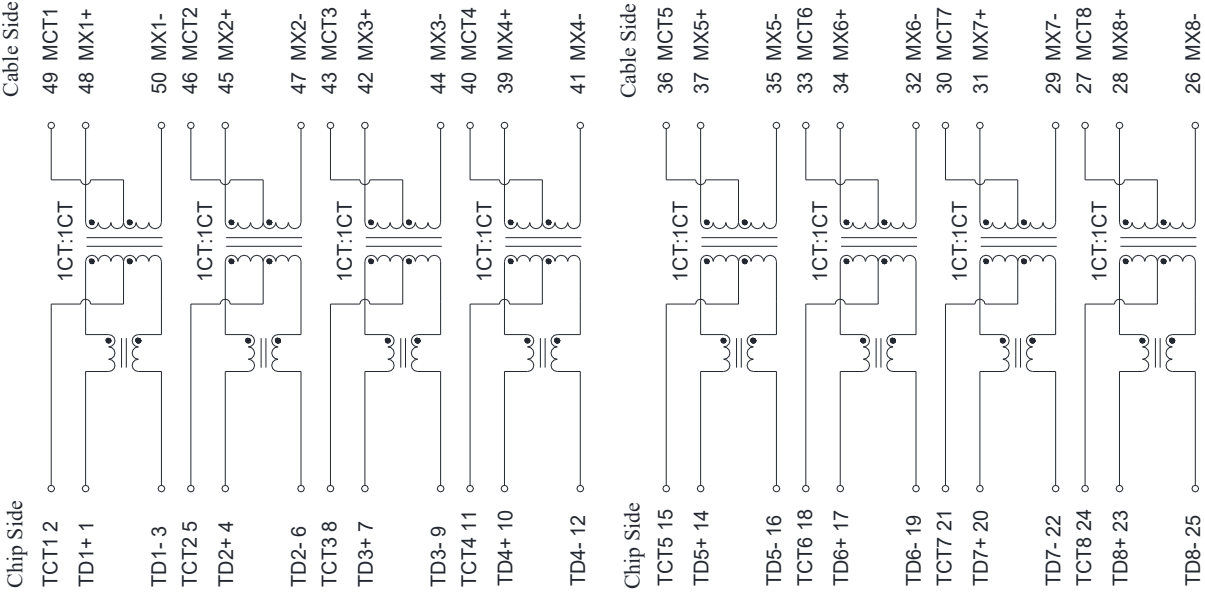
A. MECHANICAL(unit:mm)



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.:  
WHSG50011P G

REMARK:

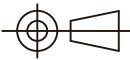
SIZE  
A4

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

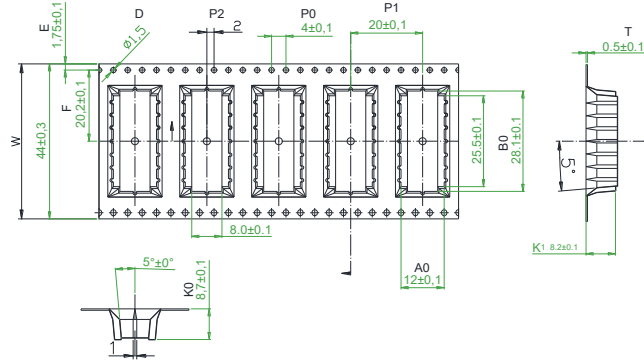
TEL: +86 400 1048 018

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

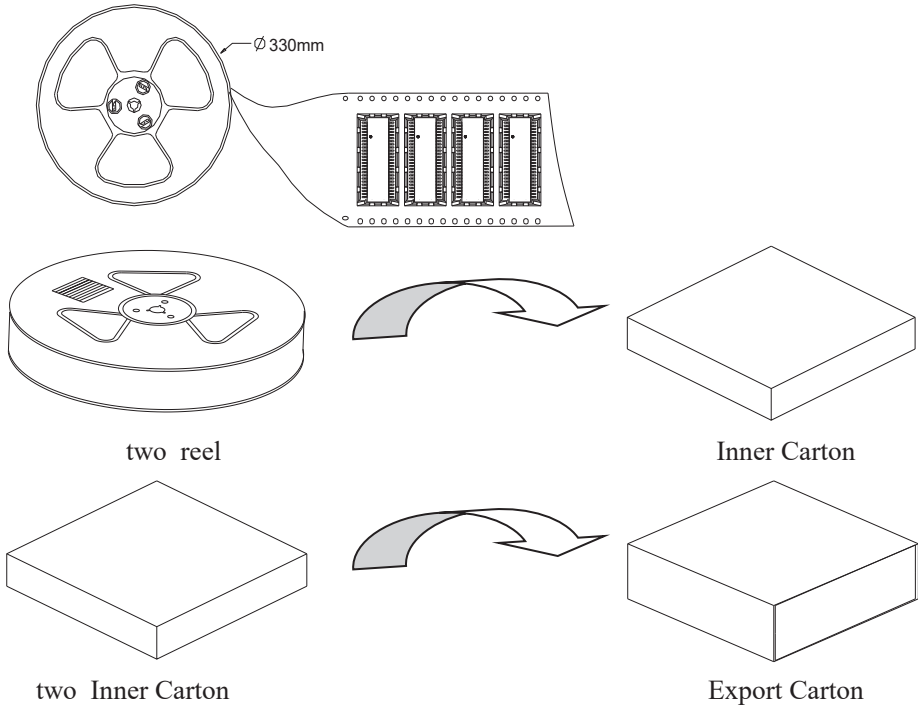
C. ELECTRICAL SPECIFICATIONS @25℃

- 1. OCL: 350uH Min @ 100 KHz, 0.1V with 14mA DC BIAS
- 2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
- 3. DCR: 1400mΩ Max
- 4. Turns Ratio: 1CT:1CT±5%
- 5. Insertion Loss: -1.2 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℃ to +85℃
- 11. Storage temperature -40℃ to +85℃
- 12. 720mA Current Capability--It is suitable for IEEE 802.3at

D. PACKAGE INFORMATION



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



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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.: WHSG50011P G	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
			.x±0.30	.x°±2.0°	
REMARK:	SHEET 1/4		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
			.xxx±0.10	.xxx°±1.0°	

TEL: +86 400 1048 018      WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)