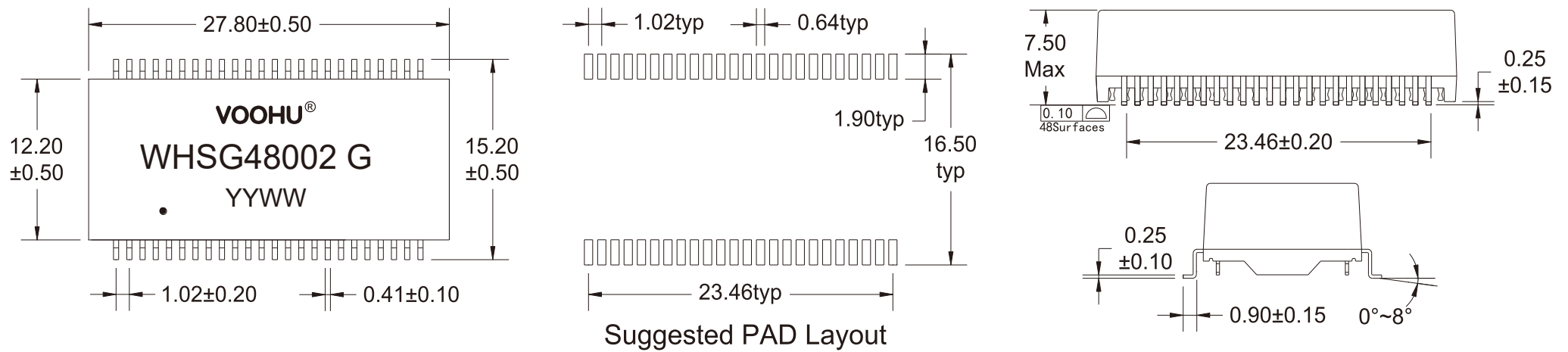
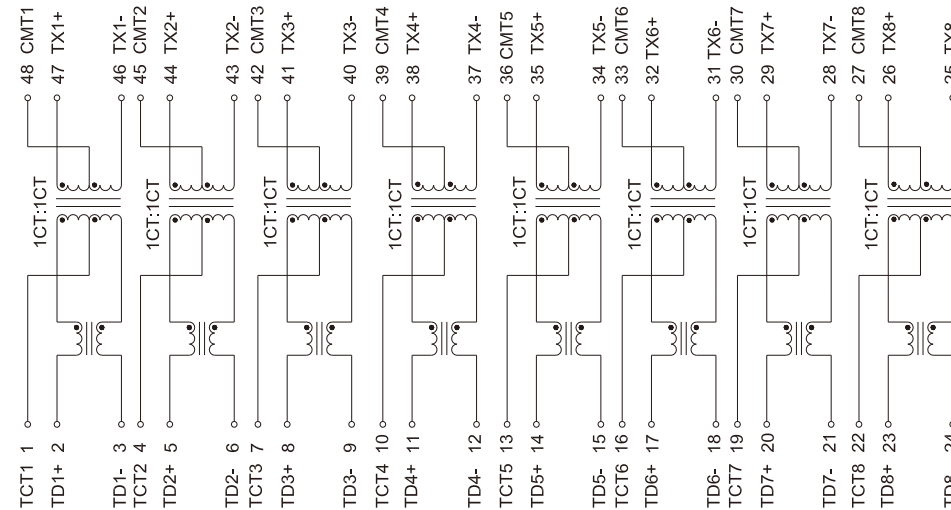


A. MECHANICAL(unit:mm)



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.:  
WHSG48002 G

REMARK:

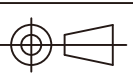
SIZE  
A4

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

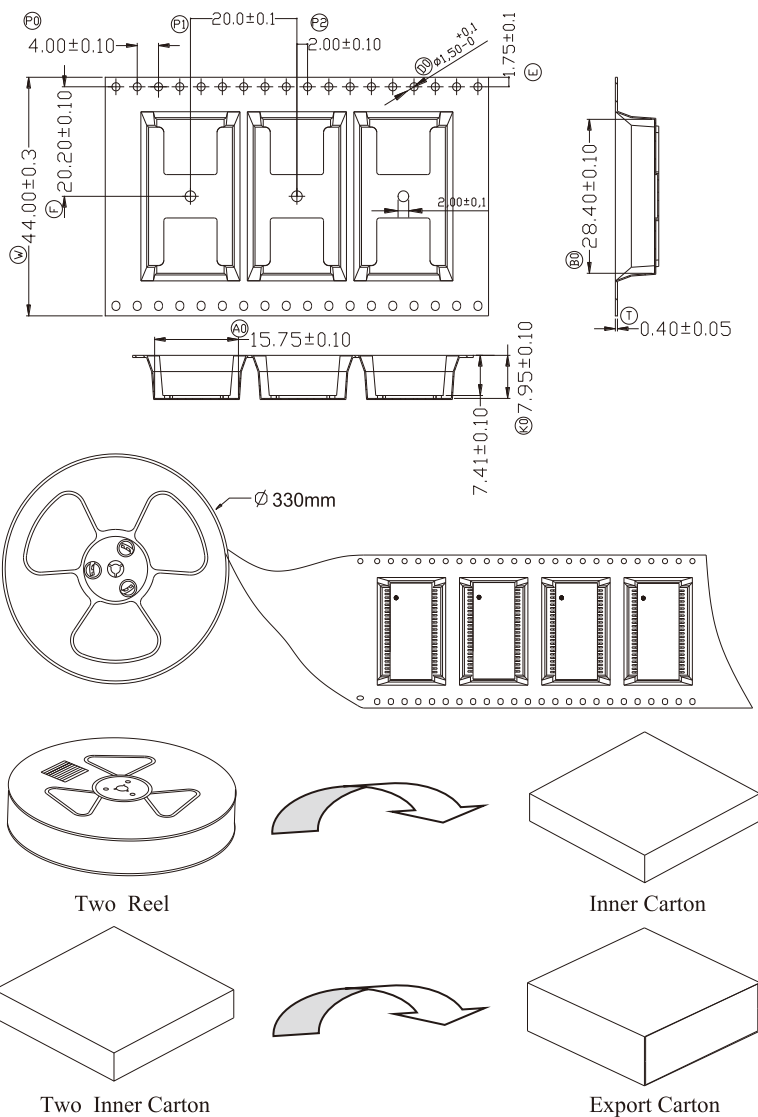
TEL: +86 400 1048 018

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



C. ELECTRICAL SPECIFICATIONS @25℃

1. OCL: 350uH Min @ 100 KHz, 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 0℃ to +70℃
11. Storage temperature -40℃ to +85℃

D. PACKAGE INFORMATION



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

<div> 苏州沃虎电子科技有限公司</div> <div>Su Zhou Voohu Electronic Tech.Co.Ltd</div>		TITLE: 100/1000 BASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: WHSG48002 G	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
					.x±0.30	.x°±2.0°	
		TEL: +86 400 1048 018	WEB: <a href="http://WWW.WOHU-TEK.COM">WWW.WOHU-TEK.COM</a>	REMARK:	SHEET 2/2		.xx±0.25
.xxx±0.10	.xxx°±1.0°						