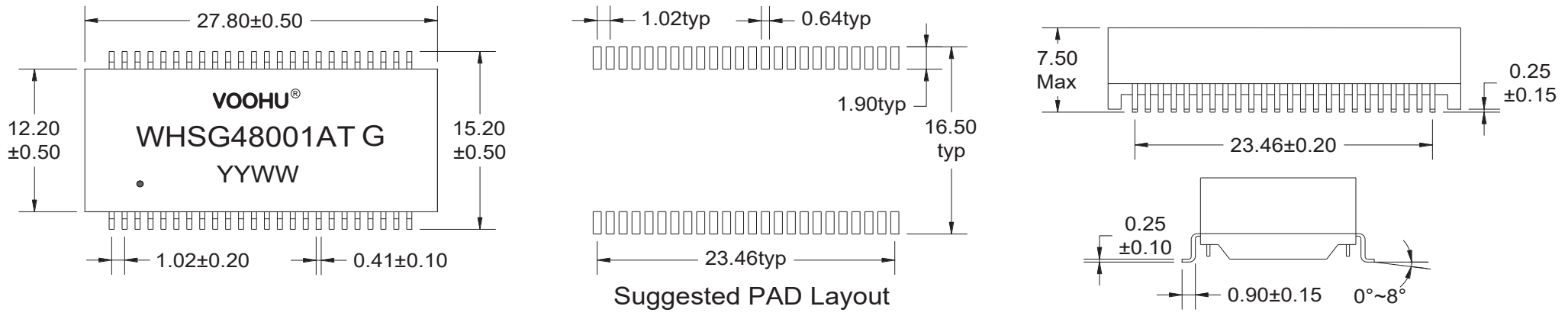
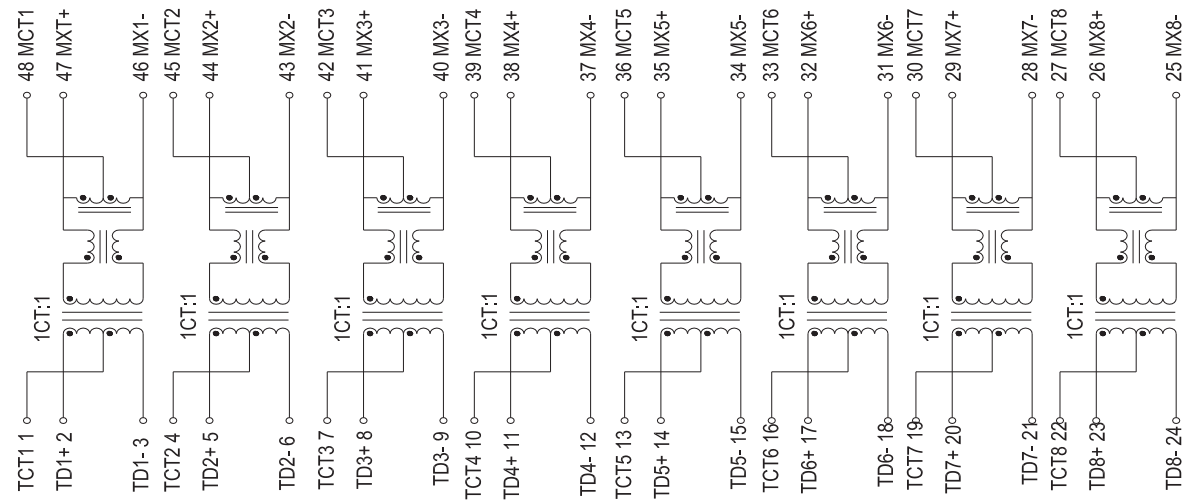


A. MECHANICAL(unit:mm)



B. SCHEMATICS



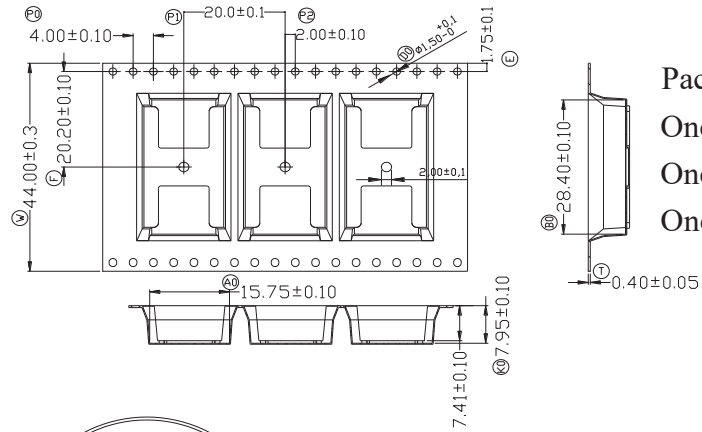
**VOOHU** 苏州沃虎电子科技有限公司  
Su Zhou Voohu Electronic Tech.Co.Ltd

A	TITLE: 100/1000 BASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: WHSG48001AT G	SACLE 1:1	REV A0	$x \pm 0.35$	$x^\circ \pm 3.0^\circ$	CHECKED BY: Elvis.Song
	REMARK:	SHEET 1/2		$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$	DESIGND BY: Sunny.Xu
	TEL: +86 400 1048 018	WEB: WWW.WOHU-TEK.COM		$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$	

### C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL: 350 uH 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°C to +85°C
11. Storage temperature -40°C to +85°C

### D. PACKAGE INFORMATION

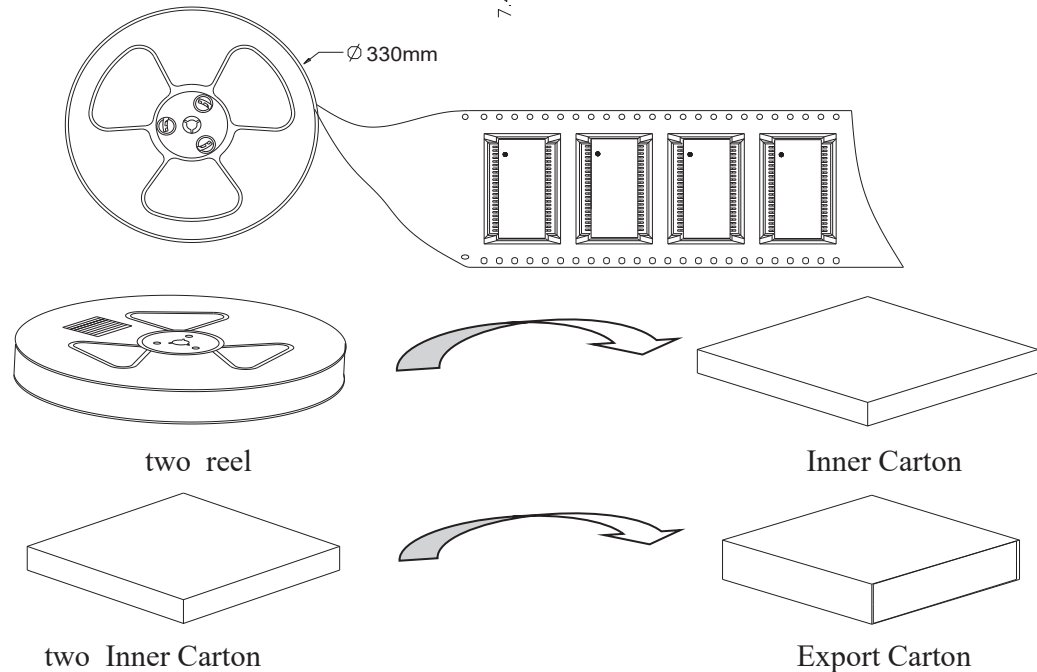



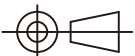
Package Quantity:

One Reel=350Pcs

One Inner Carton=350\*2=700Pcs

One Export Carton=700\*2=1400Pcs



 <b>苏州沃虎电子科技有限公司</b> Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE:	SIZE	UNITS	GENERAL TOLERANCES		APPROVED BY: Geoffrey.Song
	100/1000 BASE-T	A4	MM[INCH]	UNLESS SPECIFIED		
	PART NO.:	SACLE	REV	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
WHSG48001AT G	1:1	A0	.x±0.30	.x°±2.0°		
TEL: +86 400 1048 018	REMARK:	SHEET		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
WEB: WWW.WOHU-TEK.COM		2/2		.xxx±0.10	.xxx°±1.0°	