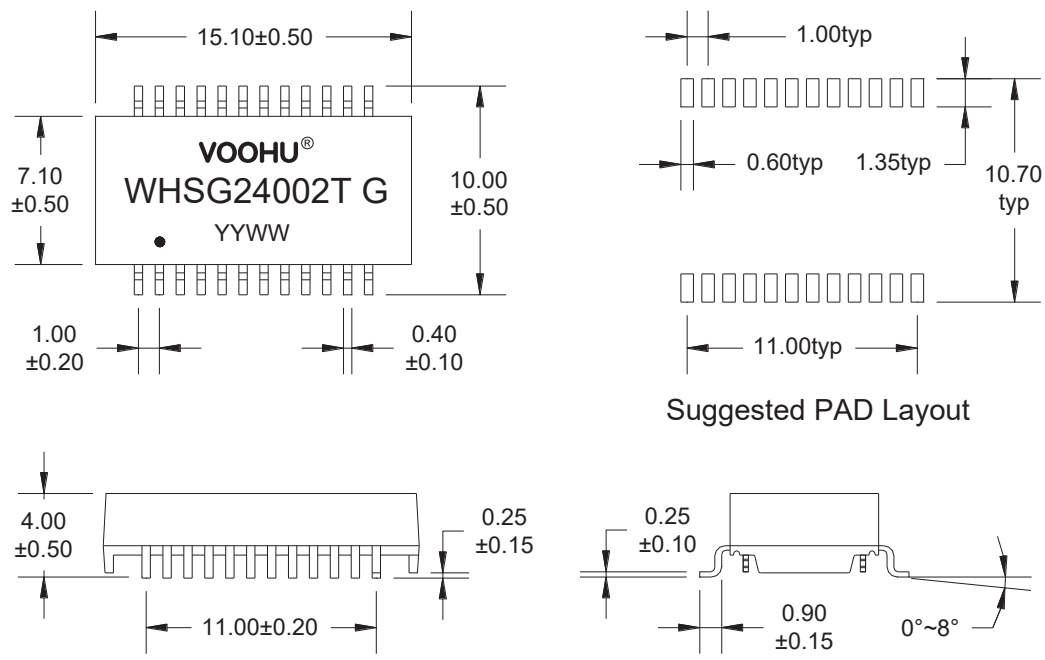
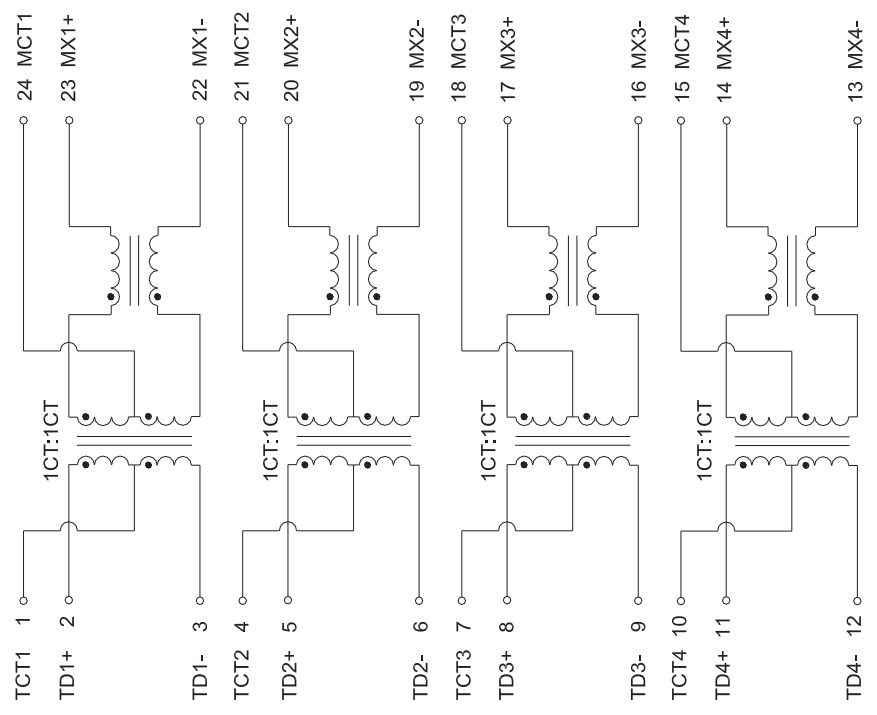


A. MECHANICAL(unit:mm)



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

SIZE  
A4  
UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
WHSG24002T G

SACLE  
1:1

REV  
A0

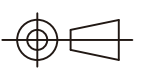
$x \pm 0.35$	$x^\circ \pm 3.0^\circ$
$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$
$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$
$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$

CHECKED BY:  
Elvis.Song

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

REMARK:

SHEET  
1/2

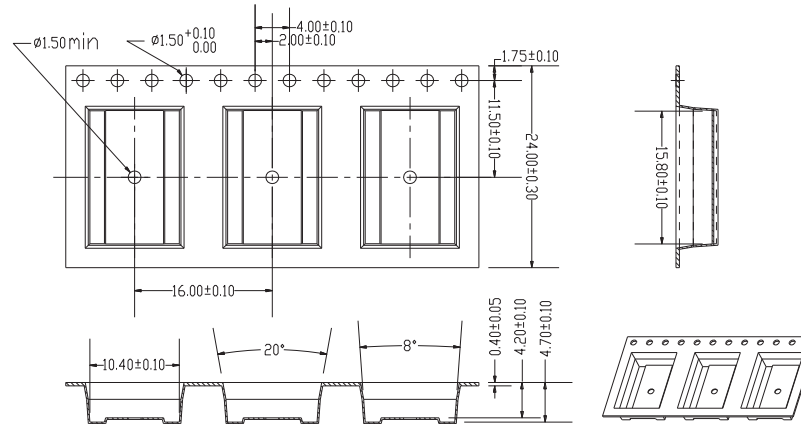


DESIGND BY:  
Sunny.Xu

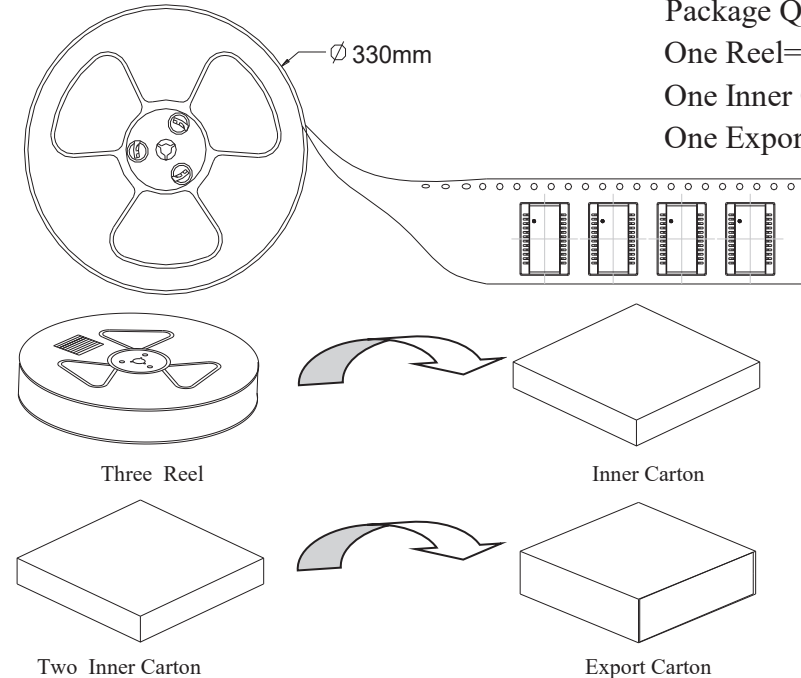
### C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL: 350uH Min @ 100KHz, 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 -40°C to +85°C
11. Storage temperature -40°C to +85°C
12. RoHS compliant

### D. PACKAGE INFORMATION



Package Quantity:  
 One Reel=800Pcs  
 One Inner Carton=800\*3=2400Pcs  
 One Export Carton=2400\*2=4800Pcs



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TITLE: 100/1000 BASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
PART NO.: WHS24002T G	SACLE 1:1	REV A0	$x \pm 0.35$	$x^\circ \pm 3.0^\circ$	CHECKED BY: Elvis.Song
REMARK:	SHEET 2/2		$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$	DESIGND BY: Sunny.Xu
			$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$	
			$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$	

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