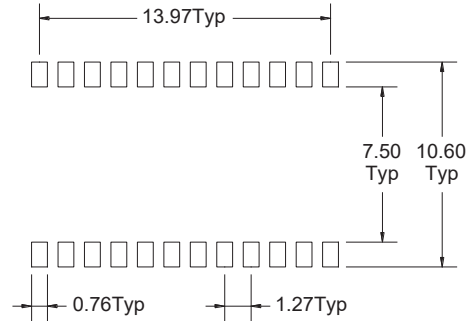
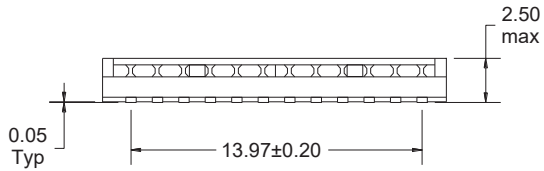
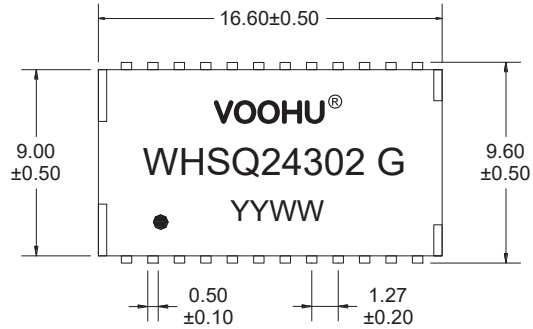
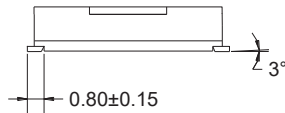


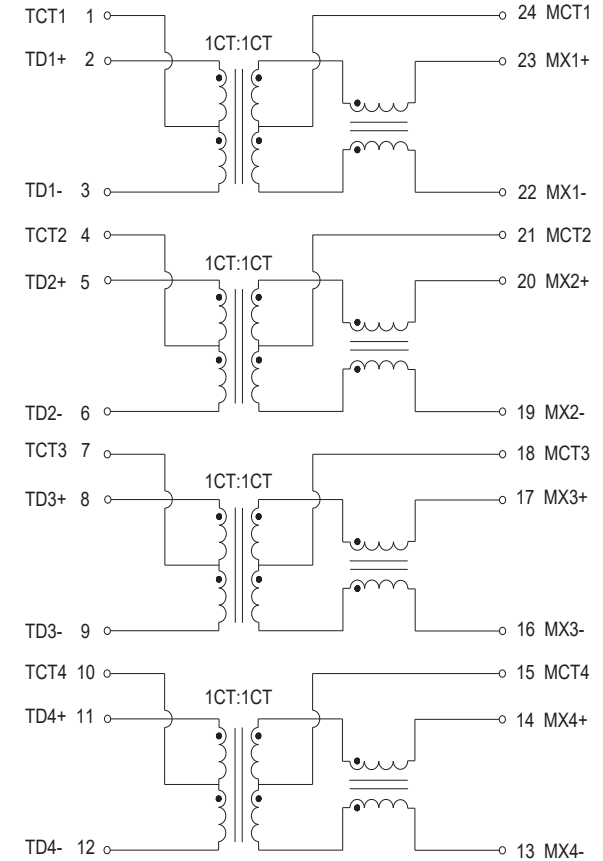
# A. MECHANICAL(unit:mm)



SUGGESTED PAD LAYOUT



# B. SCHEMATICS



**VOOHU** 苏州沃虎电子科技有限公司  
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WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

TITLE:  
2. 5/5GBASE-T

PART NO.:  
WHSQ24302 G

REMARK:

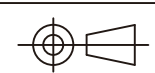
SIZE  
A4

SACLE  
1:1

SHEET  
1/3

UNITS  
MM[INCH]

REV  
A0





GENERAL TOLERANCES  
UNLESS SPECIFIED

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

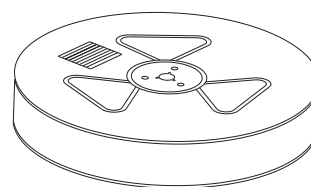
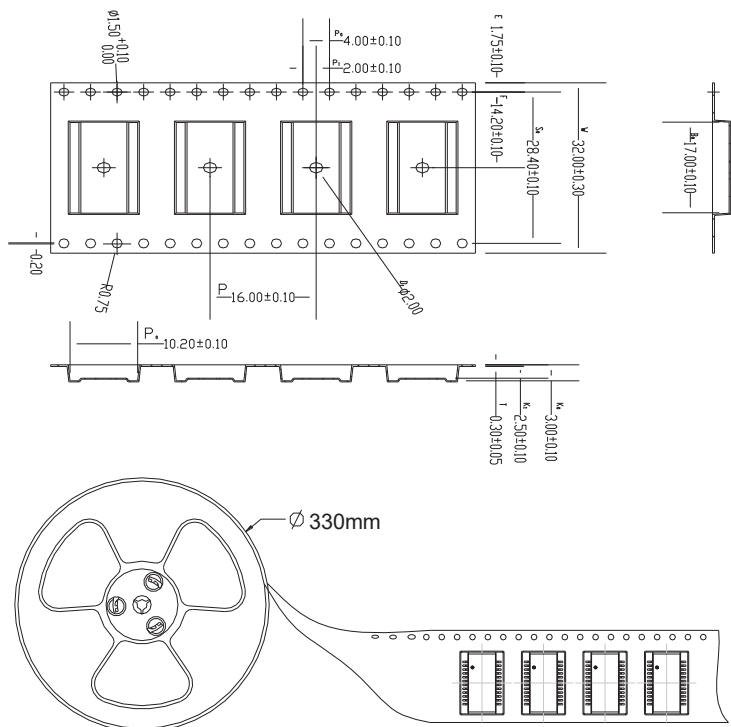
APPROVED BY:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

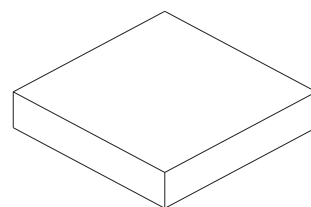
DESIGND BY:  
Sunny.Xu

1	2	3	4	5	6	7	8	
C. ELECTRICAL SPECIFICATIONS @25°C								
1. OCL: 180uH Min @ 100KHz, 0.1V				7. Cross Talk: -30 dB Typ @ 1-250 MHz				
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V				8. Common Mode Rejection Ratio: -30 dB Typ @ 1-250 MHz				
3. DCR: 1000mΩ Max				9. Isolation Hipot: 1500VAC 1mA 60S				
4. Turns Ratio: 1CT:1CT±5%				10. Operating temperature 0°C to +70°C				
5. Insertion Loss: -1.0 dB Max @ 1-100 MHz				11. Storage temperature -40°C to +85°C				
-2.0 dB Max @ 100-250 MHz								
6. Return Loss: -16 dB Min @ 1 ≤ f ≤ 40 MHz								
-16+10log(f/40) dB Min @ 40 < f ≤ 250 MHz, where f is in MHz								
<div> 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd</div>			TITLE: 2. 5/5GBASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
			PART NO.: WHSQ24302 G	SACLE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song
			REMARK:	SHEET 2/3		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu
TEL: +86 400 1048 018		WEB: WWW.WOHU-TEK.COM						

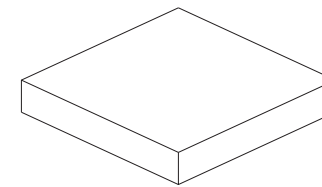
# D. PACKAGE INFORMATION



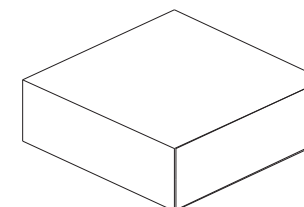
Two Reel



Five Inner Carton



Inner Carton



Export Carton

Package Quantity:

One Reel=1500Pcs

One Inner Carton=1500\*2=3000Pcs

One Export Carton=3000\*2=6000Pcs

TITLE:

2. 5/5GBASE-T

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

WHSQ24302 G

SACLE  
1:1

REV  
A0

$x \pm 0.35$

$.x \pm 0.30$

$x^\circ \pm 3.0^\circ$

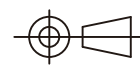
$.x^\circ \pm 2.0^\circ$

CHECKED BY:

Elvis.Song

REMARK:

SHEET  
3/3



$.xx \pm 0.25$

$.xxx \pm 0.10$

$.xx^\circ \pm 1.5^\circ$

$.xxx^\circ \pm 1.0^\circ$

DESIGND BY:

Sunny.Xu

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