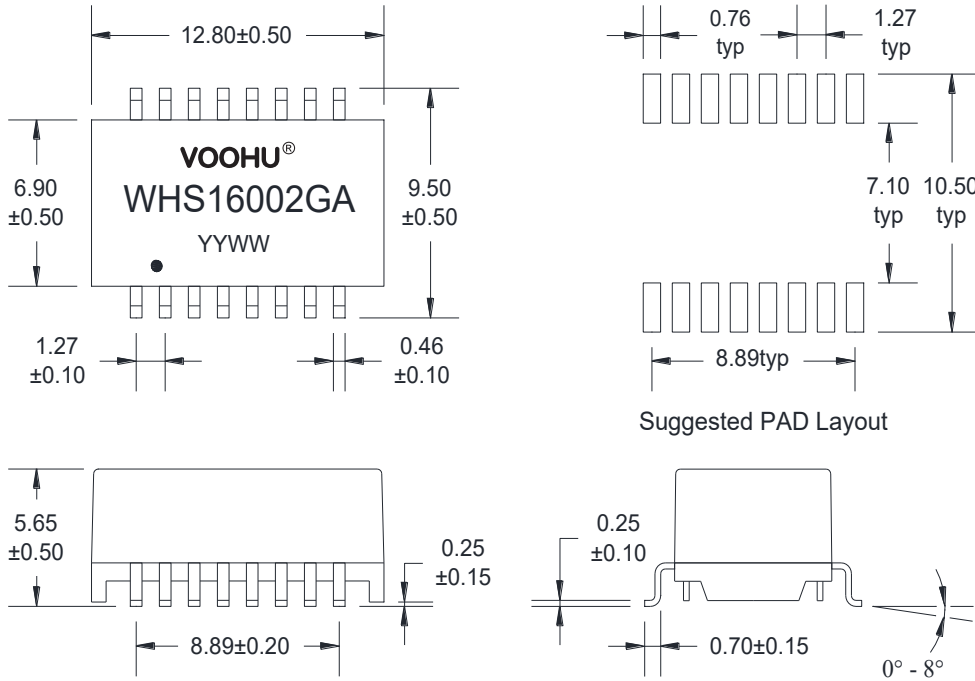
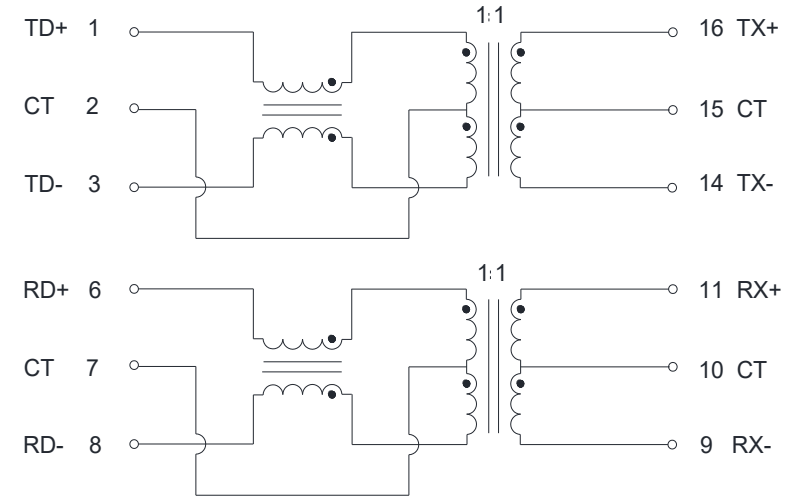


A. MECHANICAL(unit:mm)



B. SCHEMATICS



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

TEL: +86 400 1048 018

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

TITLE:  
10/100 BASE-TX

PART NO.:  
WHS16002GA

REMARK:

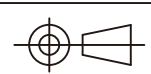
SIZE  
A4

SACLE  
1:1

SHEET  
1/4

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

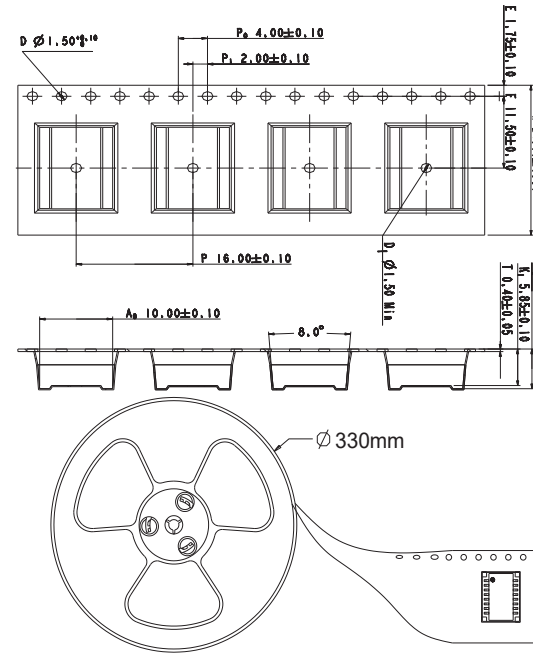
CHECKED BY:  
Elvis.Song

DESIGND BY:  
Sunny.Xu

## C. ELECTRICAL SPECIFICATIONS @25℃

1. OCL: 350uH Min @ 100 KHz, 0.1V with 8mA DC BIAS
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: Pri: 1.4 OHM Max  
Sec: 1.0 OHM 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  
-13 dB Min @ 30-60 MHz  
-12 dB Min @ 60-80 MHz
7. Cross Talk: -40 dB Min @ 1-60 MHz  
-35 dB Min @ 60-100 MHz
8. Common Mode Rejection: -37 dB Min @ 1-60 MHz  
-30 dB Min @ 60-100 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
10. Operating temperature -40℃ to +125℃
11. Storage Temperature(With Package): +10℃ to +40℃
12. Storage Temperature(Without Package, Just For Components): -40℃ to +125℃
13. Compliant with IEEE 802.3 standard.
14. RoHS compliant.
15. AEC-Q200 tested

## D. PACKAGE INFORMATION

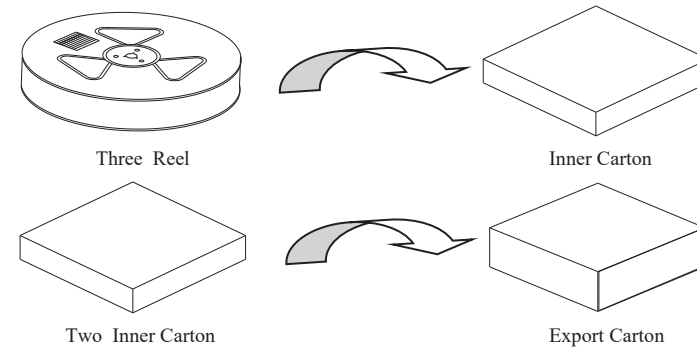


Package Quantity:

One Reel=600Pcs

One Inner Carton=600\*3=1800Pcs

One Export Carton=1800\*2=3600Pcs



TITLE:

10/100 BASE-TX

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:

WHS16002GA

SACLE  
1:1

REV  
A0

$x \pm 0.35$   
 $.x \pm 0.30$   
 $.xx \pm 0.25$   
 $.xxx \pm 0.10$

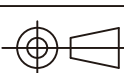
$x^\circ \pm 3.0^\circ$   
 $.x^\circ \pm 2.0^\circ$   
 $.xx^\circ \pm 1.5^\circ$   
 $.xxx^\circ \pm 1.0^\circ$

CHECKED BY:  
Elvis.Song

DESIGND BY:  
Sunny.Xu

REMARK:

SHEET  
1/4



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