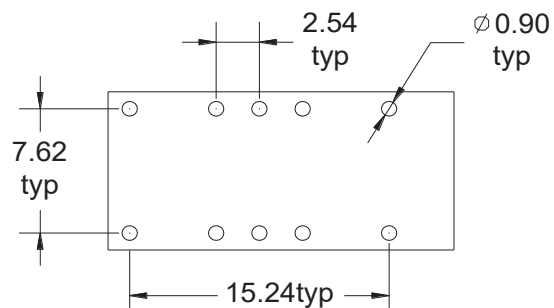
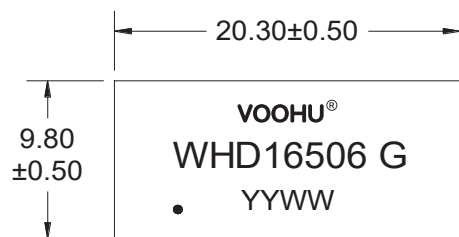
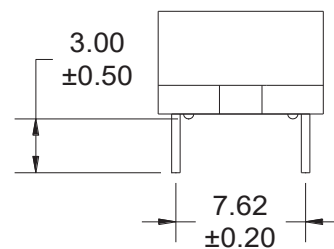
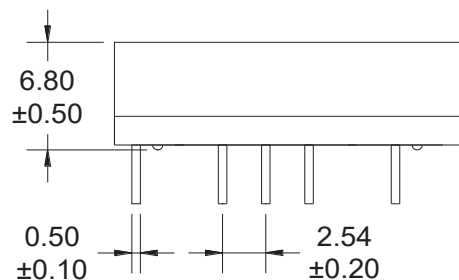


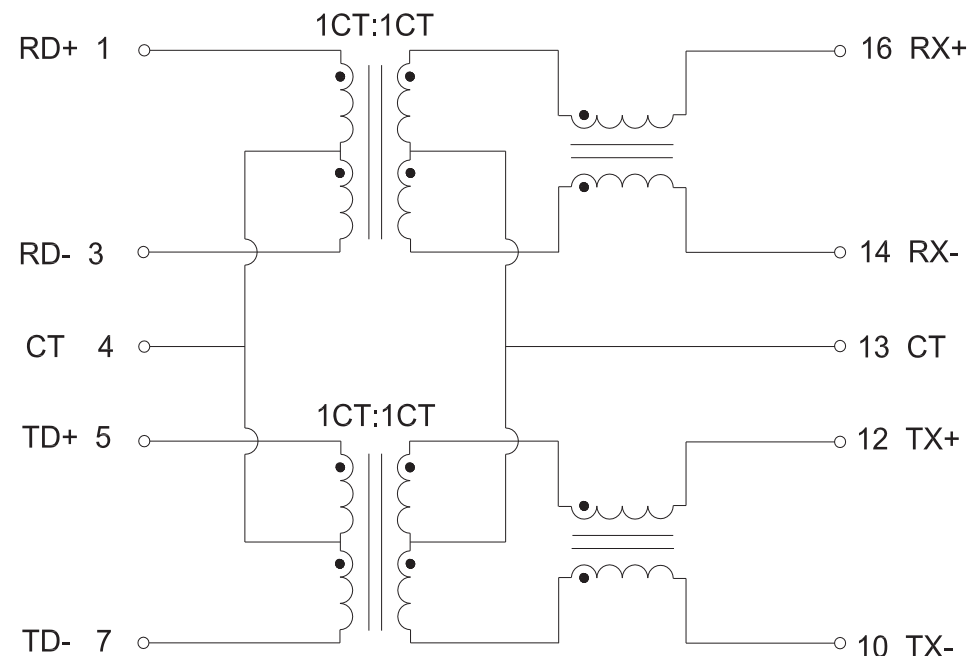
### A. MECHANICAL(unit:mm)



**SUGGESTED PAD LAYOUT**



### B. SCHEMATICS



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

TITLE:  
10/100 BASE-TX

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
WHD16506 G

SACLE  
1:1

REV  
A0

$x \pm 0.35$   $x^\circ \pm 3.0^\circ$   
 $.x \pm 0.30$   $.x^\circ \pm 2.0^\circ$

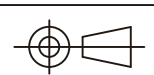
CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

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

REMARK:

SHEET  
1/2



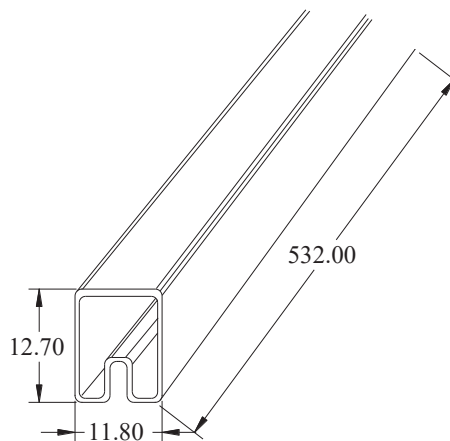
$.xx \pm 0.25$   $.xx^\circ \pm 1.5^\circ$   
 $.xxx \pm 0.10$   $.xxx^\circ \pm 1.0^\circ$

DESIGND BY:  
Sunny.Xu

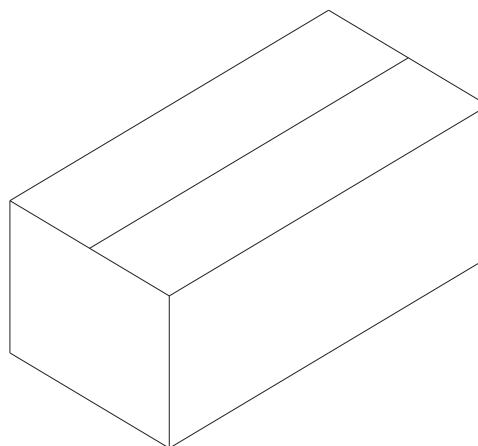
**C. ELECTRICAL SPECIFICATIONS @25°C**

**D. PACKAGE INFORMATION**

1. OCL: 350uH 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
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°C to +70°C
11. Storage temperature -40°C to +85°C



Tube:532.00\*11.80\*12.70mm


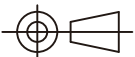


Carton: L550\*W250\*H210mm

Package Quantity:

One Tube=25Pcs

One Carton=25\*320=8000Pcs

 <b>苏州沃虎电子科技有限公司</b> Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE:	10/100 BASE-TX	SIZE	A4	UNITS	MM[INCH]	GENERAL TOLERANCES	UNLESS SPECIFIED		APPROVED BY:	Geoffrey.Song
	PART NO.:	WHD16506 G	SACLE	1:1	REV	A0	x±0.35	x°±3.0°	CHECKED BY:	Elvis.Song	
	REMARK:		SHEET	2/2		.xx±0.25	.xx°±1.5°	DESIGND BY:	Sunny.Xu		
TEL: +86 400 1048 018	WEB: <a href="http://WWW.WOHU-TEK.COM">WWW.WOHU-TEK.COM</a>				.xxx±0.10	.xxx°±1.0°					