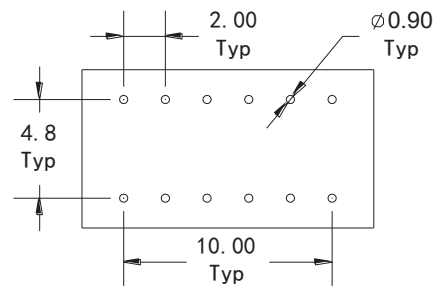
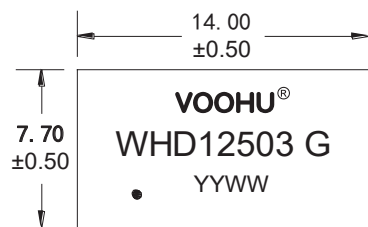
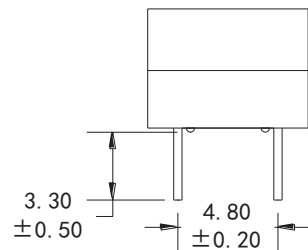
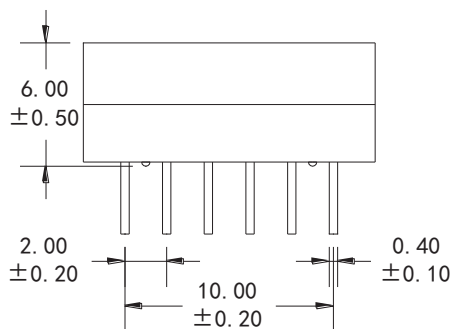


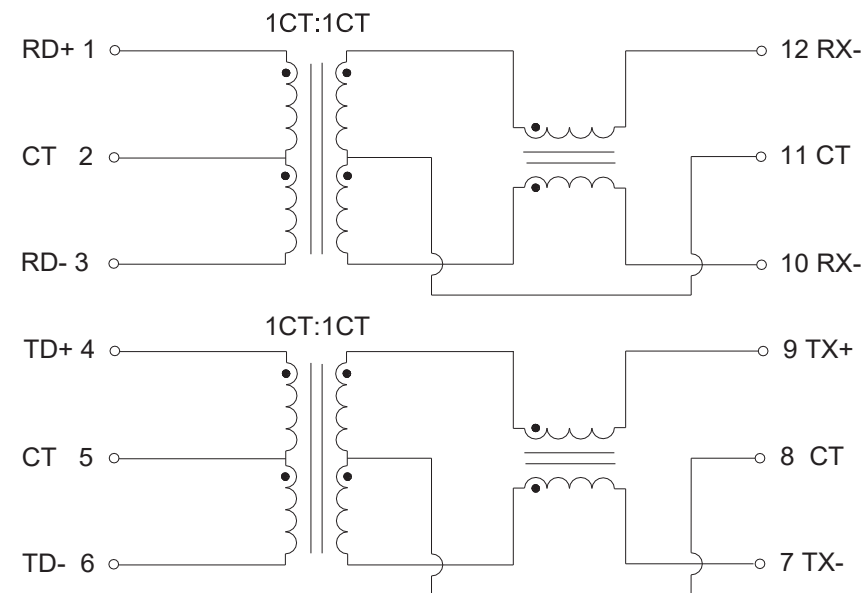
# A. MECHANICAL(unit:mm)



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.:  
WHD12503 G

SACLE  
1:1

REV  
A0

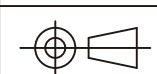
x±0.35  
.x±0.30  
.xx±0.25  
.xxx±0.10

x°±3.0°  
.x°±2.0°  
.xx°±1.5°  
.xxx°±1.0°

CHECKED BY:  
Elvis.Song

REMARK:

SHEET  
1/4



DESIGND BY:  
Sunny.Xu

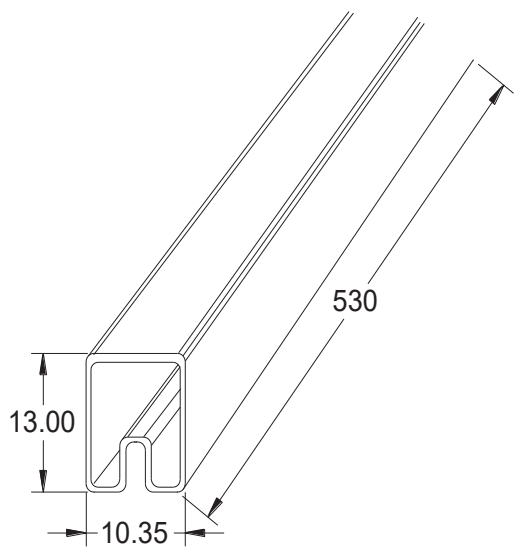
TEL: +86 400 1048 018

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

C. ELECTRICAL SPECIFICATIONS @25℃

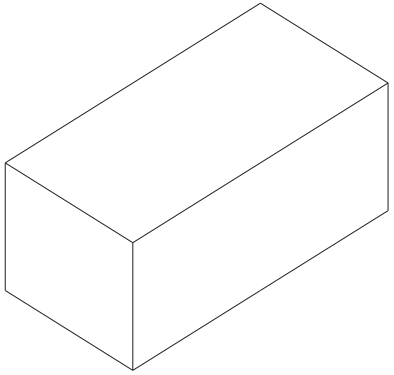
- 1. OCL: 350uH Min @ 100KHz, 0.1V 8mA DC BIAS
- 2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
- 3. DCR: 1400mΩ Max
- 4. Turns Ratio: 1CT:1CT±5%
- 5. Insertion Loss: -1.1 dB Max @ 1-100 MHz
- 6. Return Loss: -18 dB Min @ 1-30 MHz
  - 14.4 dB Min @ 40 MHz
  - 13.1 dB Min @ 50 MHz
  - 12 dB Min @ 60-80 MHz
- 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℃ to +70℃
- 11. Storage temperature -40℃ to +85℃

D. PACKAGE INFORMATION

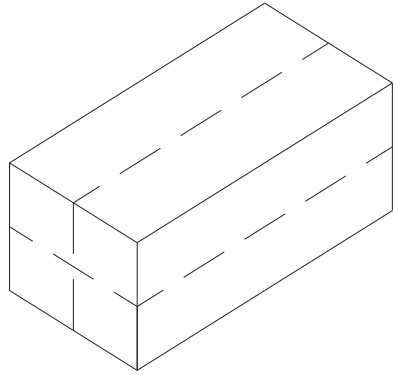


Tube: 535\*13.0\*10.35mm


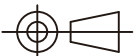
Package Quantity:  
One Tube=36Pcs  
One Inner Carton=3240Pcs  
One Export Carton=12960Pcs



Inner Carton: L570\*W180\*H100mm



Export Carton: L580\*W380\*H240mm

<div> 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd</div>		TITLE: 10/100 BASE-TX	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: WHD12503 G	SACLE 1:1	REV A0	.xx±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song
		REMARK:	SHEET 1/4		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu
TEL: +86 400 1048 018      WEB: <a href="http://WWW.WOHU-TEK.COM">WWW.WOHU-TEK.COM</a>							