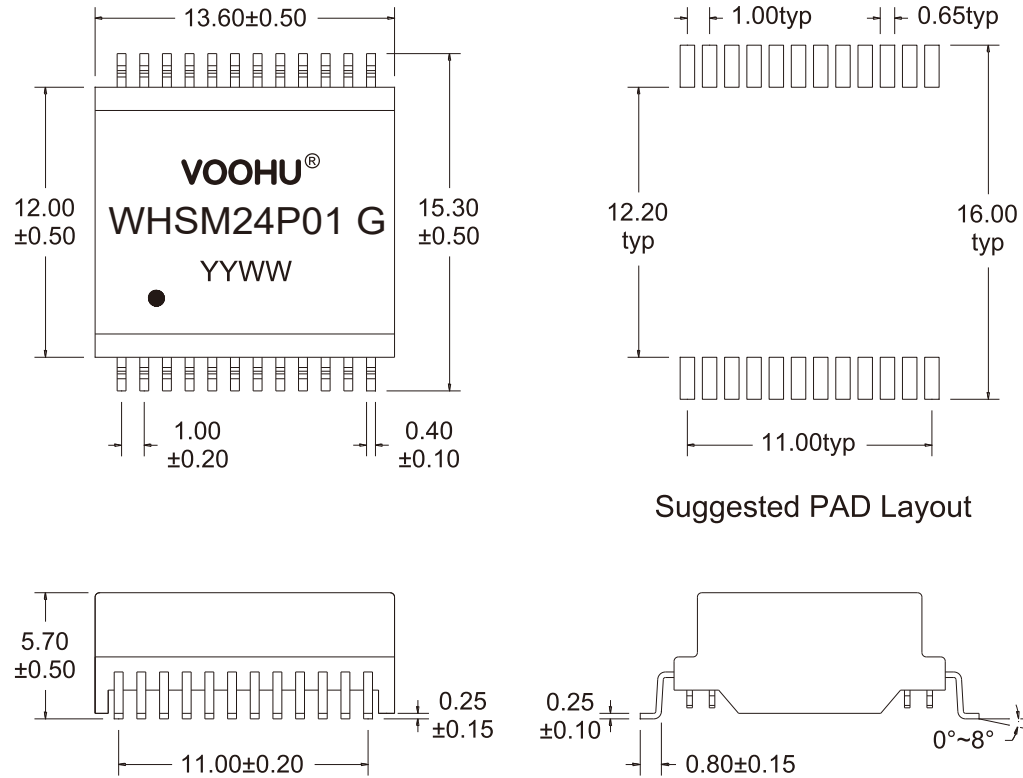
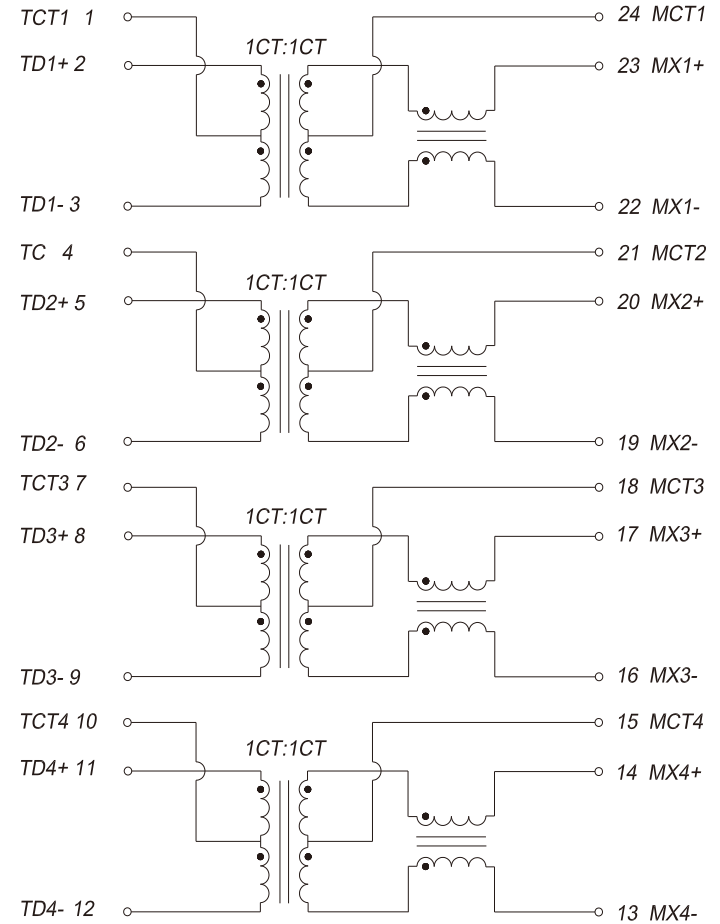


A. MECHANICAL(unit:mm)



B. SCHEMATICS



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

TITLE:  
10G BASE-T

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
WHSM24P01 G

SACLE  
1:1

REV  
A0

$x \pm 0.35$   
 $.x \pm 0.30$

CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

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

REMARK:

SHEET  
1/3



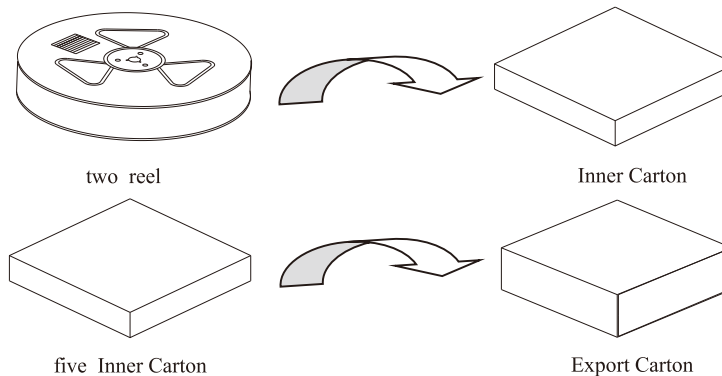
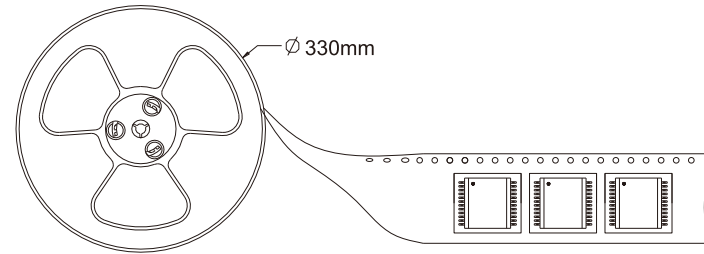
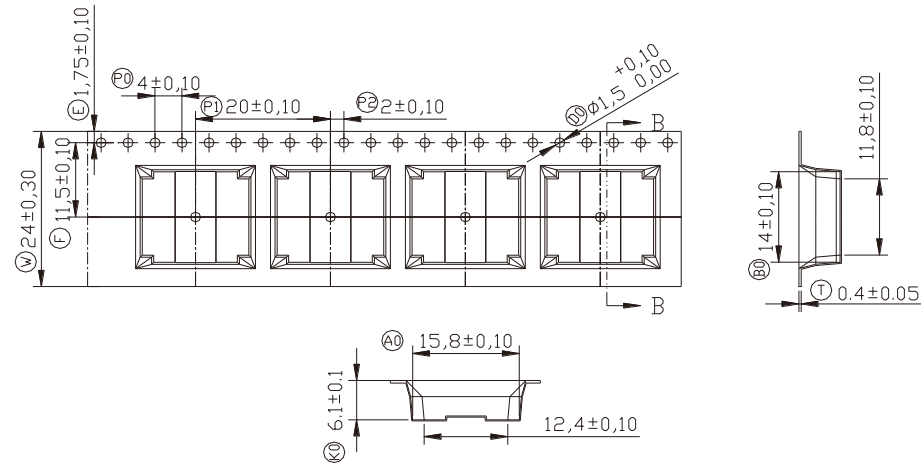
$.xx \pm 0.25$   
 $.xxx \pm 0.10$

DESIGND BY:  
Sunny.Xu

### C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL: 120 uH Min @100KHz 100mV
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 900mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.2dB max @ 1~200 MHz  
 -1.5dB max @ 200~300 MHz  
 -2.0dB max @ 300~400 MHz  
 -3.0dB max @ 400~500 MHz
6. Return Loss: -18 dB Min @ 1~100 MHz  
 -16 dB Min @ 100~200 MHz  
 -12 dB Min @ 200~300 MHz  
 -10 dB Min @ 300~400 MHz  
 -8 dB Min @ 400~500 MHz
7. Cross Talk: -25 dB Typ @ 1-500 MHz
8. Common Mode Rejection: -25 dB Typ @ 1-500 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
10. Operating temperature 0°C to +70°C
11. Storage temperature -20°C to +125°C

### D. PACKAGE INFORMATION



Package Quantity:  
 One Reel=450Pcs  
 One Inner Carton=450\*2=900Pcs  
 One Export Carton=900\*5=4500Pcs

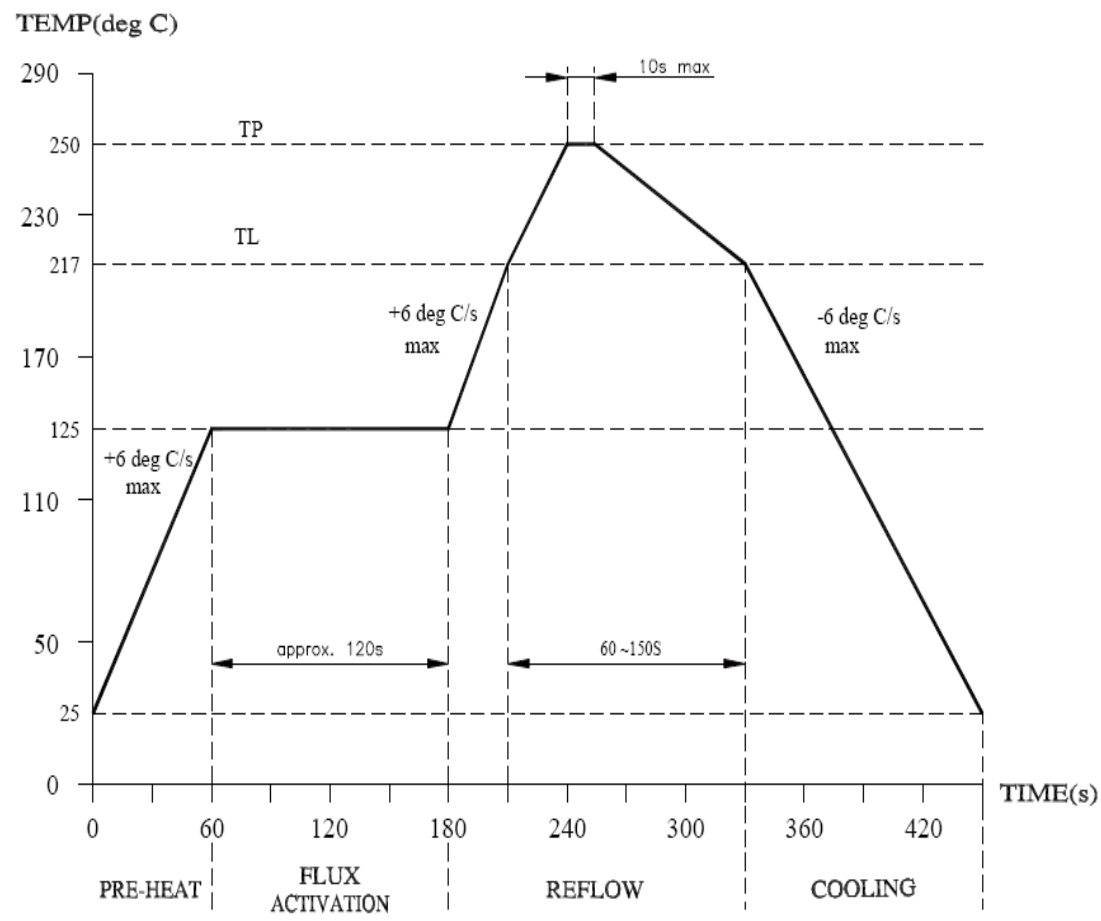
**VOOHU** 苏州沃虎电子科技有限公司  
 Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE: 10G BASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
PART NO.: WHSM24P01 G	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
REMARK:	SHEET 2/3		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
			.xxx±0.10	.xxx°±1.0°	

TEL: +86 400 1048 018

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

### E. RECOMMEND REFLOW SOLDERING CURVE



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

TITLE: 10G BASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
PART NO.: WHSM24P01 G	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
REMARK:	SHEET 3/3		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
			.xxx±0.10	.xxx°±1.0°	

TEL: +86 400 1048 018

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