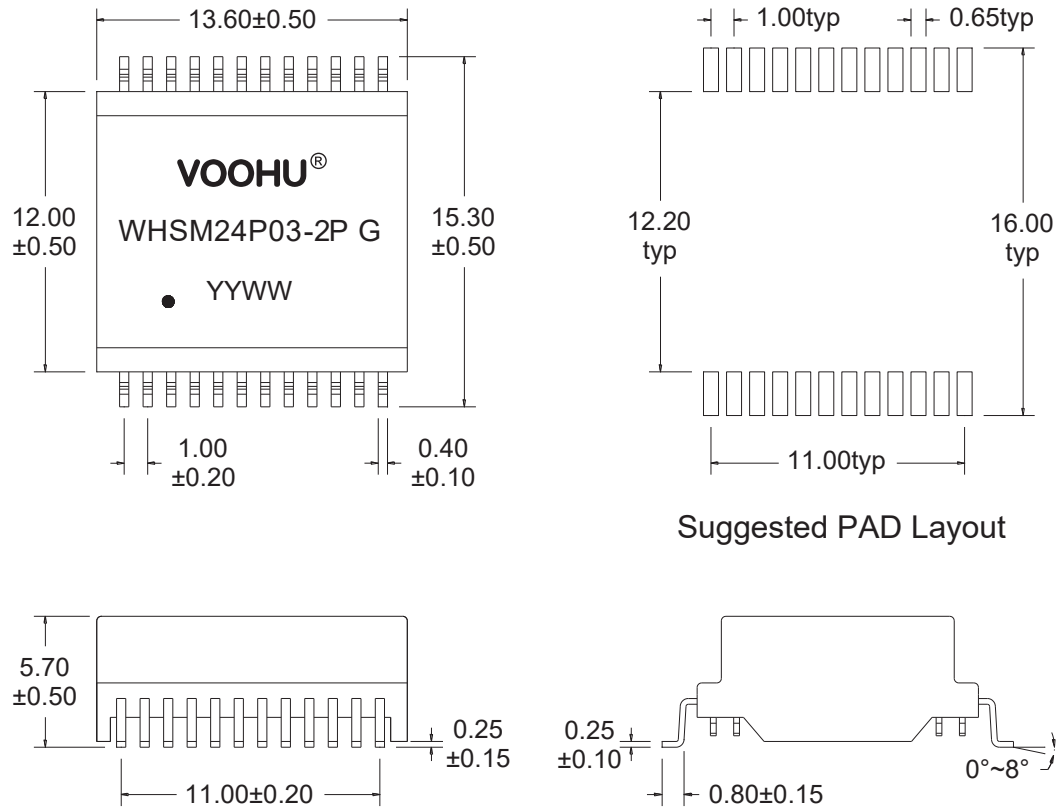
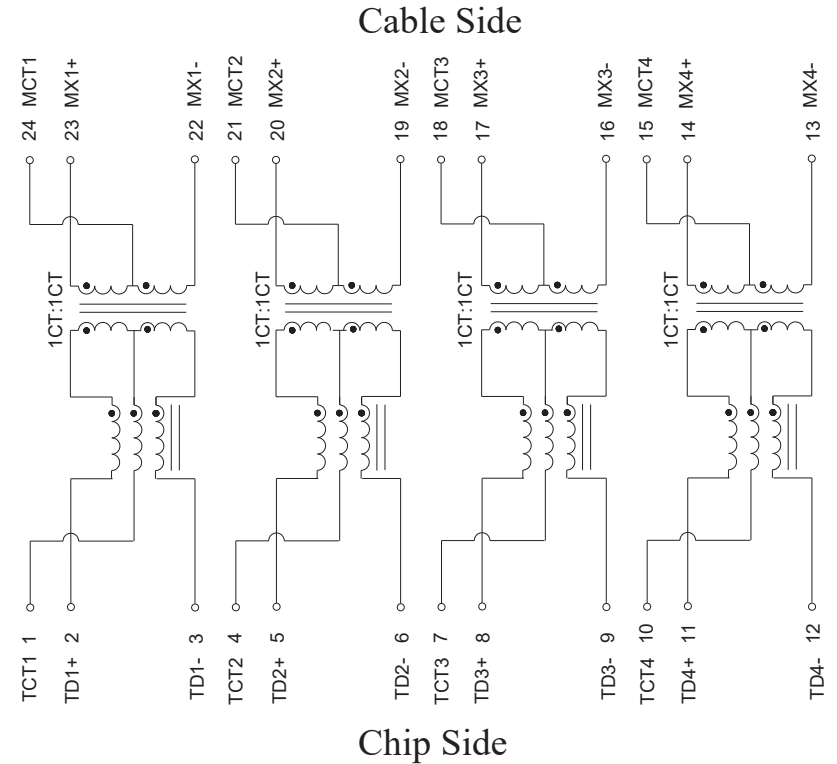


A. MECHANICAL(unit:mm)



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

TITLE:
10G BASE-T

PART NO.:
WHSM24P03-2P G

REMARK:

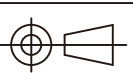
SIZE
A4

SACLE
1:1

SHEET
1/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35
.x±0.30
.xx±0.25
.xxx±0.10

APPROVED BY:
Geoffrey.Song

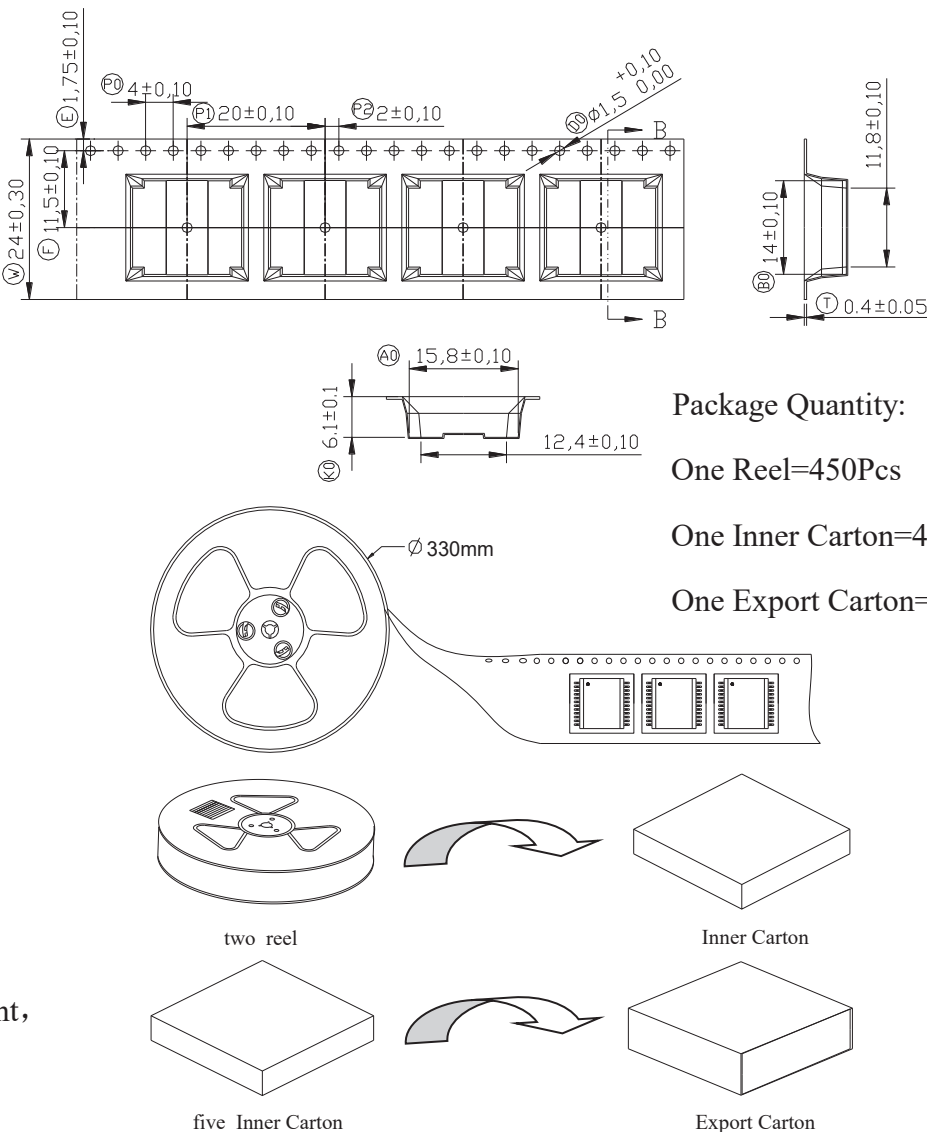
CHECKED BY:
Elvis.Song



DESIGND BY:
Sunny.Xu

C. ELECTRICAL SPECIFICATIONS @25°C

1. OCL: 120 uH Min @100KHz 100mV with 21mA DC Bias
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℃ to +70℃
11. Storage temperature 0℃ to +85℃
12. PoE Support 100W: Each channel support 1A DC balance current,
Full channels support 2A DC balance current.

D. PACKAGE INFORMATION



<div> 苏州沃虎电子科技有限公司</div> <div>Su Zhou Voohu Electronic Tech.Co.Ltd</div>		TITLE: 10G BASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: WHSM24P03-2P G	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
					.x±0.30	.x°±2.0°	
TEL: +86 400 1048 018	WEB: WWW.WOHU-TEK.COM	REMARK:	SHEET 1/4		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
					.xxx±0.10	.xxx°±1.0°	