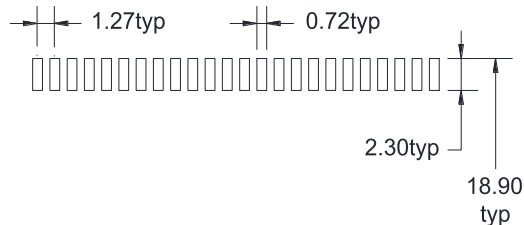
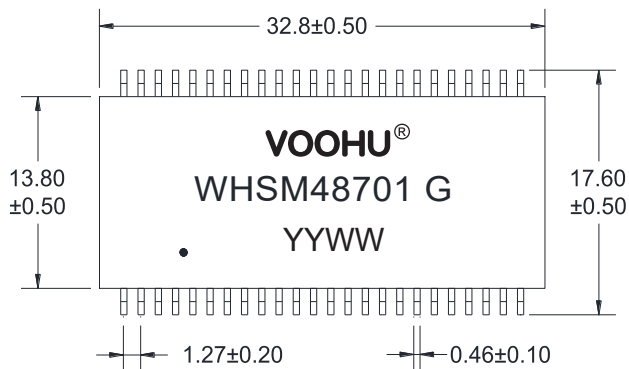


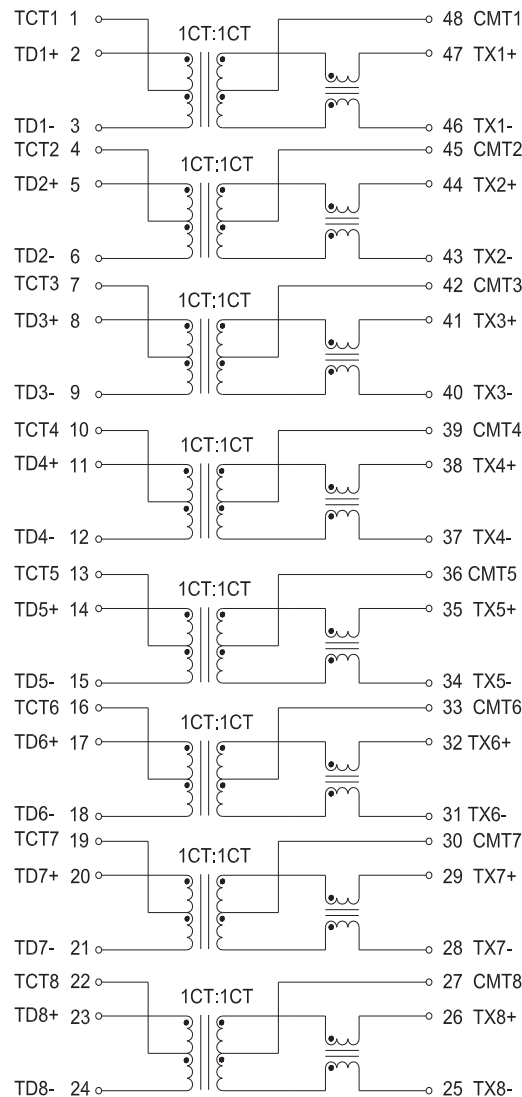
A. MECHANICAL(unit:mm)



Suggested PAD Layout



B. SCHEMATICS



TITLE:

10G BASE-T

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

WHSM48701 G

SACLE
1:1

REV
A0

x±0.35
.x±0.30

x°±3.0°
.x°±2.0°

CHECKED BY:

Elvis.Song

REMARK:

SHEET
1/3



.xx±0.25
.xxx±0.10

.xx°±1.5°
.xxx°±1.0°

DESIGND BY:

Sunny.Xu

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

	1	2	3	4	5	6	7	8	
H									H
G									G
F									F
E									E
D									D
C									C
B									B
A	<div><div>VOOHU</div><div>苏州沃虎电子科技有限公司</div><div>Su Zhou Voohu Electronic Tech.Co.Ltd</div></div>		TITLE: 10G BASE-T		SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
			PART NO.: WHSM48701 G		SACLE 1:1	REV A0	<div><div>.x±0.35</div><div>.x±0.30</div></div>	<div><div>x°±3.0°</div><div>.x°±2.0°</div></div>	CHECKED BY: Elvis.Song
	TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM		REMARK:		SHEET 2/3		<div>.xx±0.25</div>	<div>.xx°±1.5°</div>	DESIGND BY: Sunny.Xu
							<div>.xxx±0.10</div>	<div>.xxx°±1.0°</div>	

C. ELECTRICAL SPECIFICATIONS @25℃

1. OCL: 120 uH Min @100KHz 0.1V

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

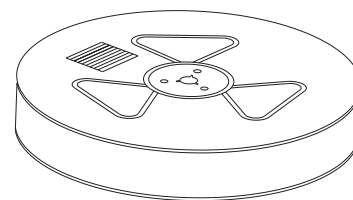
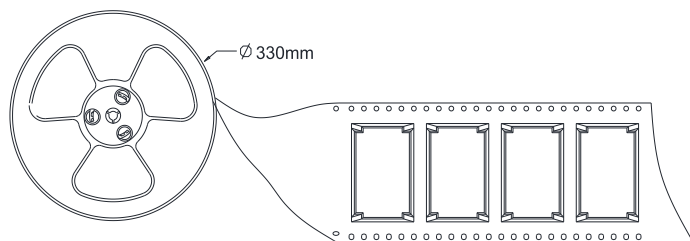
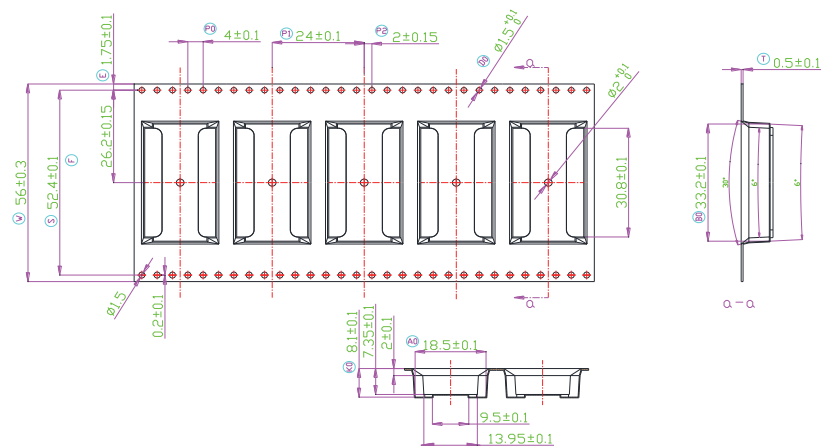
8. Common Mode Rejection: -25 dB Typ @ 1-500 MHz

9. Isolation Hipot: 1500VAC 1mA 60S

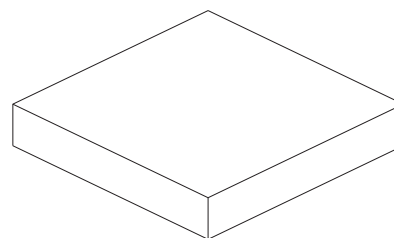
10. Operating temperature 0℃ to +70℃

11. Storage temperature -40℃ to +85℃

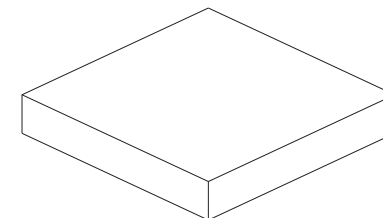
D. PACKAGE INFORMATION



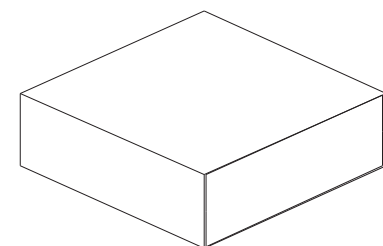
one reel



five Inner Carton



Inner Carton



Export Carton

Package Quantity:

One Reel=300Pcs

One Inner Carton=300*1=300Pcs

One Export Carton=300*5=1500Pcs

TITLE:

10G BASE-T

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:

WHSM48701 G

SACLE
1:1

REV
A0

.xx±0.25
.xxx±0.10

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

CHECKED BY:
Elvis.Song

REMARK:

SHEET
3/3



DESIGND BY:
Sunny.Xu

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