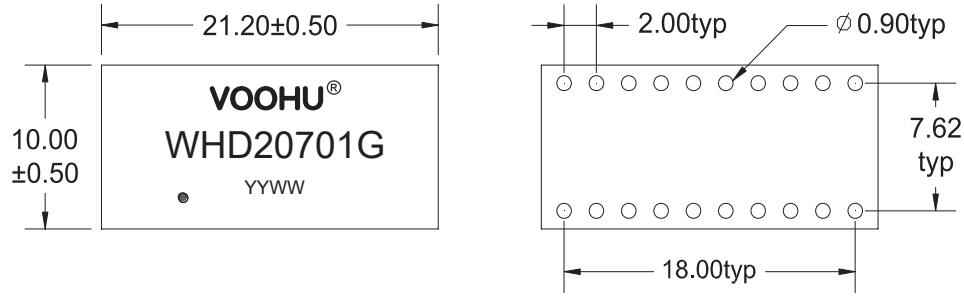
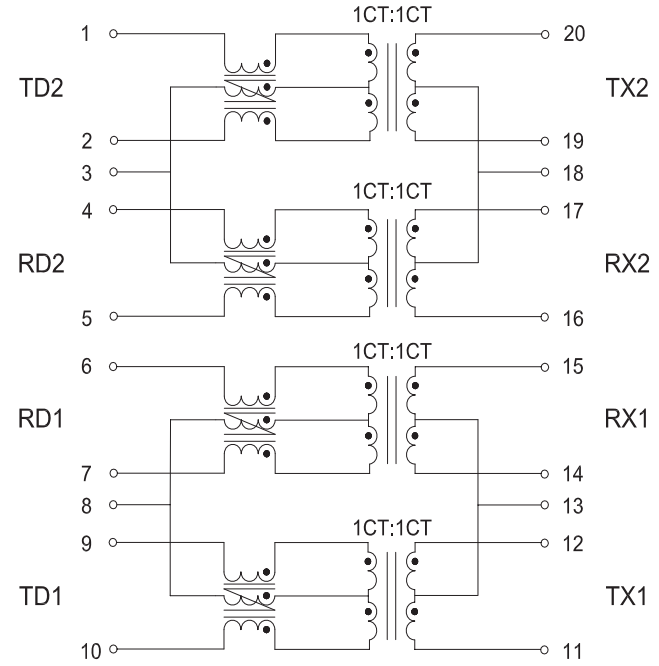


A. MECHANICAL(unit:mm)



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

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

TITLE:
10/100 BASE-TX

PART NO.:
WHD20701G

REMARK:

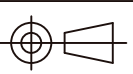
SIZE
A4

SACLE
1:1

SHEET
1/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35	x°±3.0°
.x±0.30	.x°±2.0°
.xx±0.25	.xx°±1.5°
.xxx±0.10	.xxx°±1.0°

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

	1	2	3	4	5	6	7	8	
H									H
G									G
F									F
E									E
D									D
C									C
B									B
A	 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.: WHD20701G		SACLE 1:1	REV A0	.xx±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song
	TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM		REMARK:		SHEET 2/3		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu
	1	2	3	4	5	6	7	8	

C. ELECTRICAL SPECIFICATIONS @25℃

1. OCL: 350 uH Min @ 100 KHz, 0.1V 8mA DC BIAS

2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V

3. DCR: 1400 mΩ 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

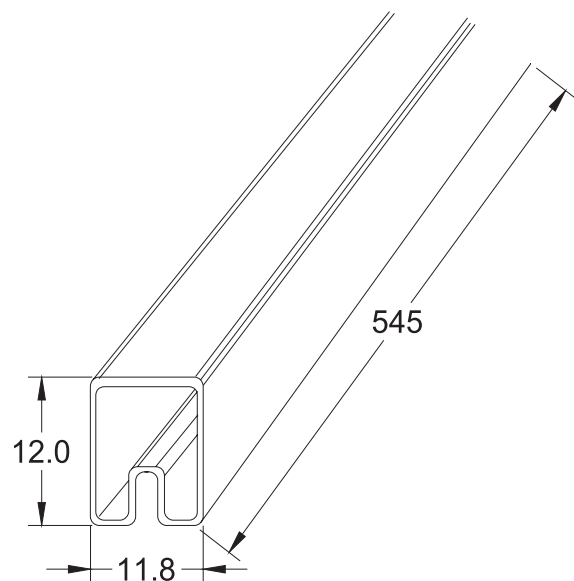
8. Common Mode Rejection: -30 dB Min @ 1-100 MHz

9. Isolation Hipot: 1500VAC 1mA 60S

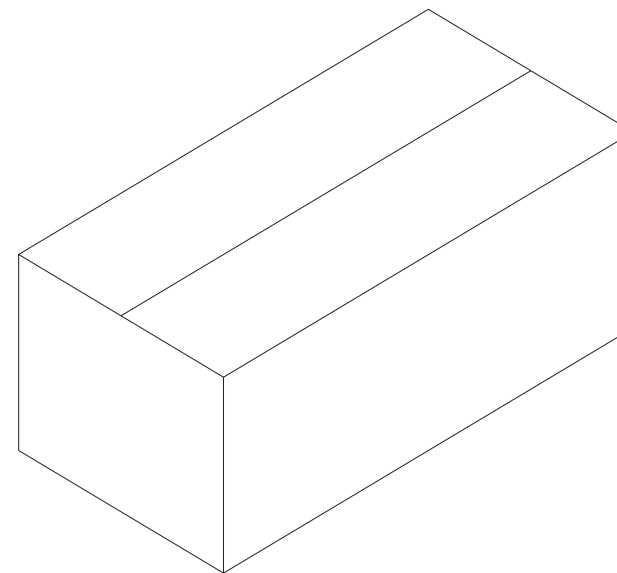
10. Operating temperature 0℃ to +70℃

11. Storage temperature -25℃ to +125℃

D. PACKAGE INFORMATION



Tube: 545*11.8*12.0mm



Carton: L550*W240*H210mm

Package Quantity:

One Tube=25Pcs

One Carton=25*320=8000Pcs

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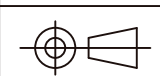
SIZE
A4

SACLE
1:1

SHEET
3/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

$x \pm 0.35$
 $.x \pm 0.30$
 $.xx \pm 0.25$
 $.xxx \pm 0.10$

$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$
 $.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

APPROVED BY:
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CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu