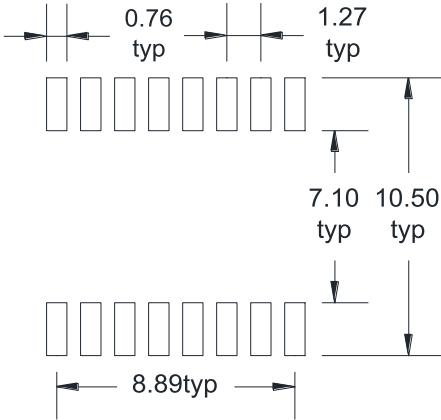
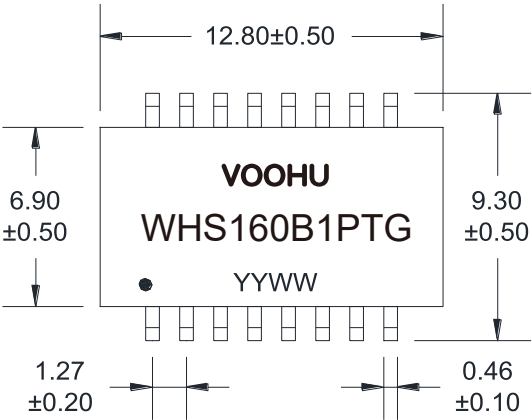
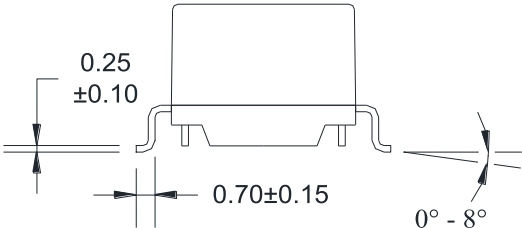
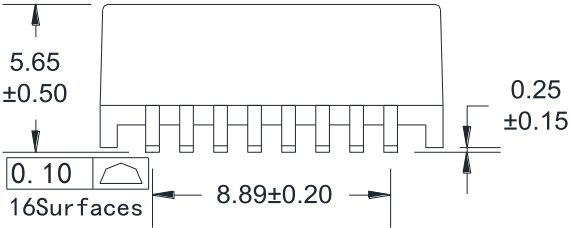


REACH & RoHS
COMPLIANT

A. MECHANICAL(unit:mm)



Suggested PAD Layout



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.:
WHS160B1PTG

REMARK:

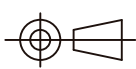
SIZE
A4

SACLE
1:1

SHEET
1/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

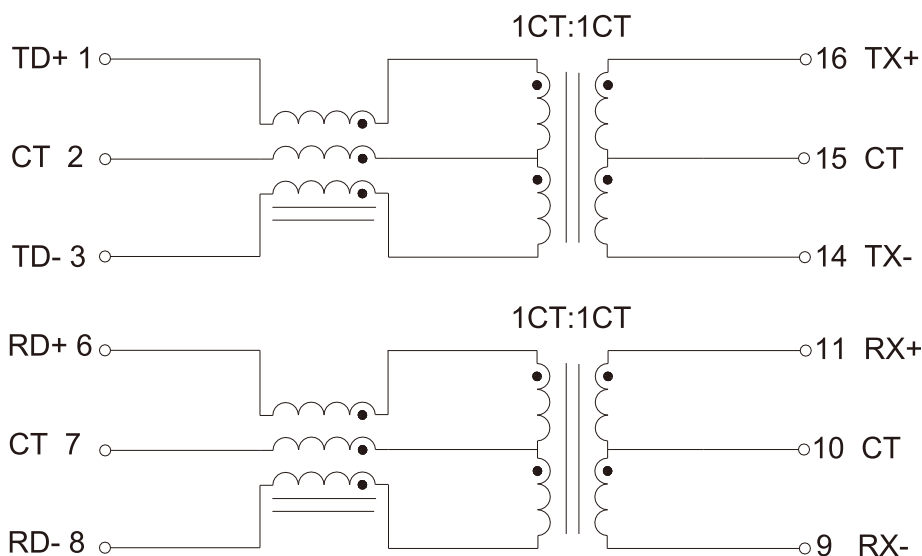
$x \pm 0.35$
 $.x \pm 0.30$
 $.xx \pm 0.25$
 $.xxx \pm 0.10$

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

APPROVED BY:
Geoffrey.Song

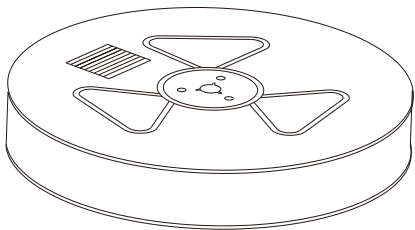
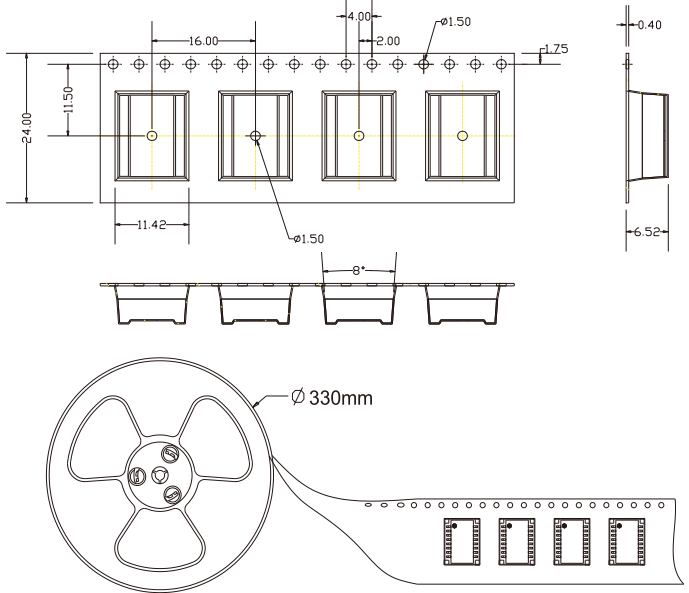
CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

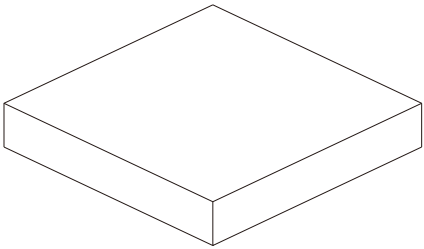
1	2	3	4	5	6	7	8		
REACH & RoHS COMPLIANT									
B. SCHEMATICS				C. ELECTRICAL SPECIFICATIONS @25℃					
Chip Side				Cable Side					
									
				1. OCL: 350 uH Min @ 100KHz, 0.1V with 8mA DC BIAS					
				2. Leakage Inductance: 0.5 uH Max @ 100KHz, 0.1V					
				3. DCR: 1400 mΩ Max					
				4. Turns Ratio: 1CT:1CT±5%					
				5. Insertion Loss: -1.2 dB Max @ 0.5-1 MHz					
				-0.2-0.002*f^1.4 dB Max @ 1-125 MHz					
				6. Return Loss: -16 dB Min @ 1-40 MHz					
				-10+20*log（f/80） dB Min @ 40.1-100 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 -40℃ to +85℃					
				11. Storage temperature -40℃ to +85℃					
				12. IEEE802.3at compliant performance---850mA Current Capability					
 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.: WHS160B1PTG		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		

REACH & RoHS
COMPLIANT

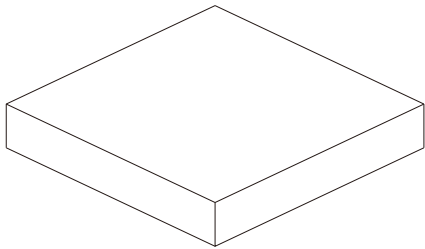
D. PACKAGE INFORMATION



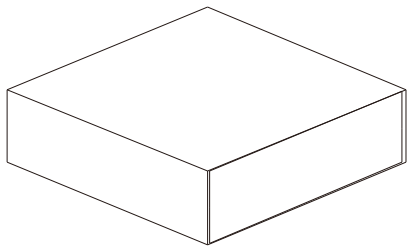
three reel



two Inner Carton



Inner Carton



Export Carton

Package Quantity:

One Reel=600Pcs

One Inner Carton=600*3=1800Pcs

One Export Carton=1800*2=3600Pcs

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WHS160B1PTG

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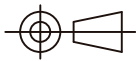
SIZE
A4

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:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu