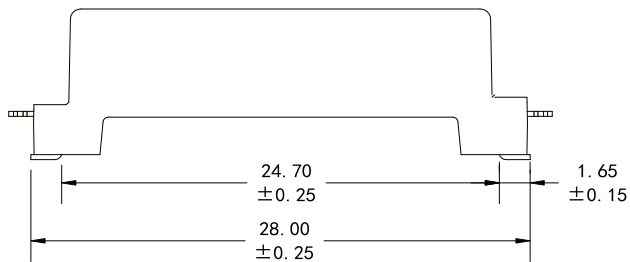
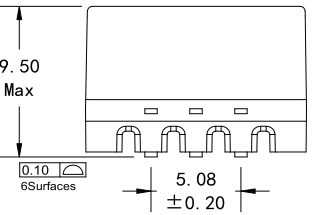
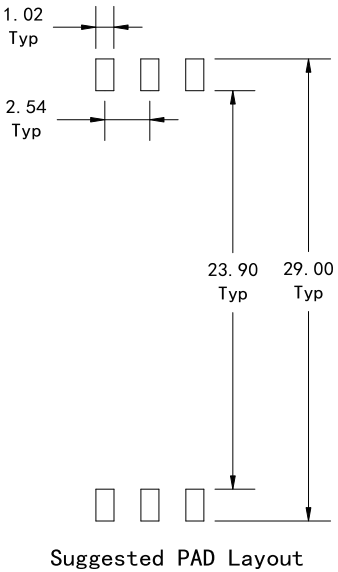
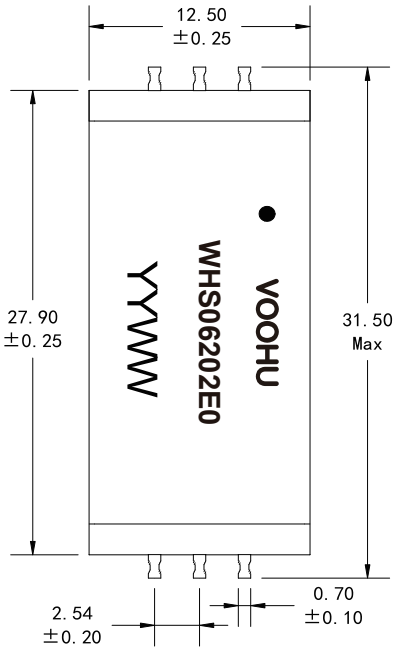


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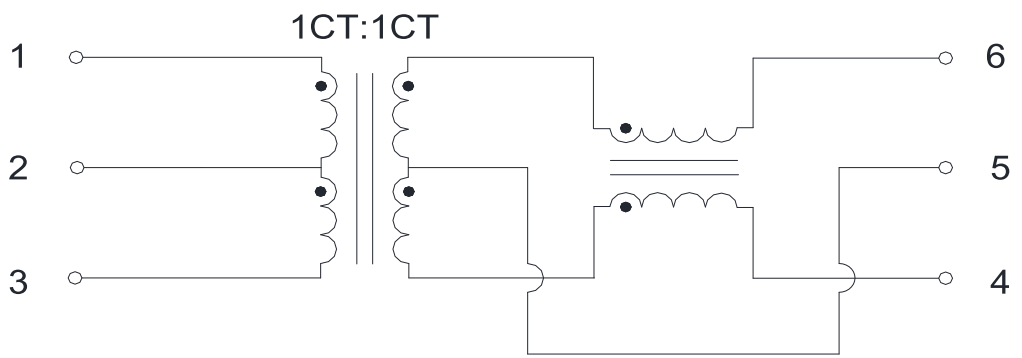
REACH & RoHS  
COMPLIANT

H  
G  
F  
E  
D  
C  
B  
A

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:  
Transformer  
PART NO.:  
WHS06202E0

SIZE  
A4  
SACLE  
1:1  
REV  
A0

GENERAL TOLERANCES  
UNLESS SPECIFIED  
x±0.35  
.x±0.30  
x°±3.0°  
.x°±2.0°

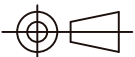
APPROVED BY:  
Geoffrey.Song  
CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

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

REMARK:  
Meet AEC-Q200 Standard

SHEET  
1/3



.xx±0.25  
.xxx±0.10

.xx°±1.5°  
.xxx°±1.0°

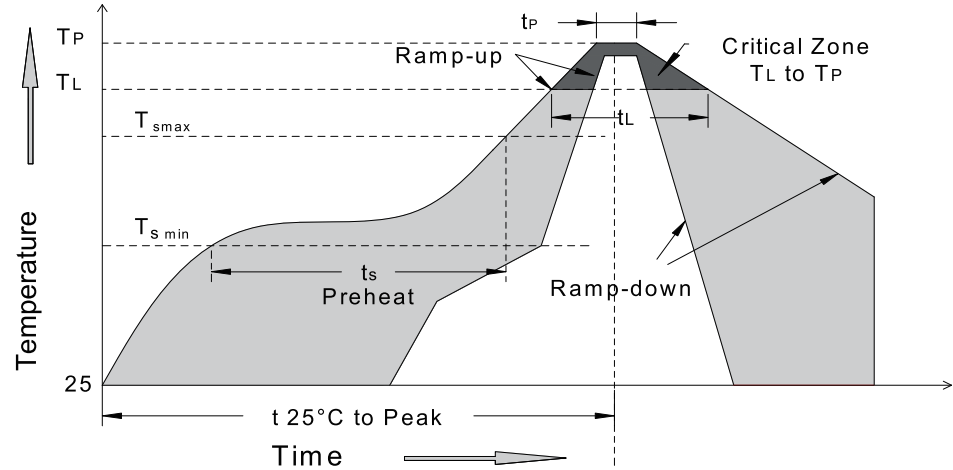
DESIGND BY:  
Sunny.Xu

REACH & RoHS  
COMPLIANT


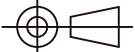
C. ELECTRICAL SPECIFICATIONS @25℃

1. OCL(TD & RD): 150uH Min. @ 100 KHz, 0.1V(-40℃ ~ +125℃)
2. Leakage Inductance(TD & RD,TX & RX shorted): 0.6uH Max @ 100KHz, 0.1V
3. DCR:Transformer side: 500mΩ Max  
CM choke side: 600mΩ Max
4. Turns Ratio: 1CT:1CT±2%
5. Insertion Loss: -1.0 dB Max @ 4 MHz
6. Return Loss: -20 dB Min @ 4 MHz
7. Common Mode Rejection: -30 dB Min @ 1-100 MHz
8. Isolation Hipot: 6400VDC 1mA 60S or 5000VAC 1mA 60s
9. Reinforced Insulation At a Working Voltage Of 1500VDC And The Creepage Distance Of 15mm Min And The clearance distance Of 14mm Min
10. Operating Temperature: -40℃ to +125℃
11. Storage Temperature(With Package): +10℃ to +40℃
12. Storage Temperature(Without Package, Just For Components): -40℃ to +125℃
13. RoHS Compliant

D. RECOMMEND WAVE SOLDERING CURVE

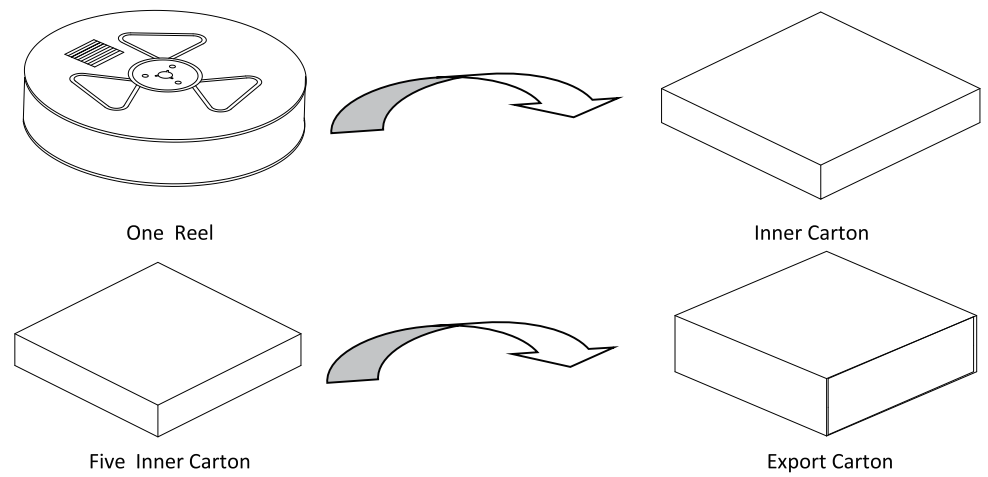
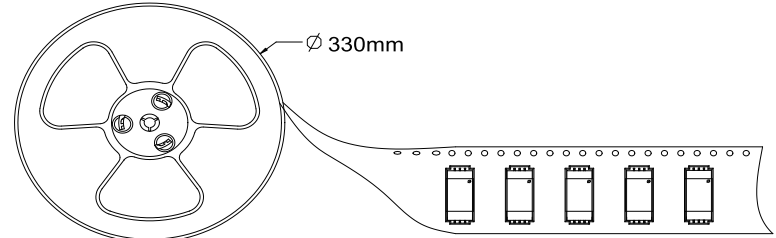
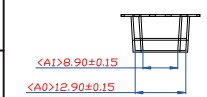
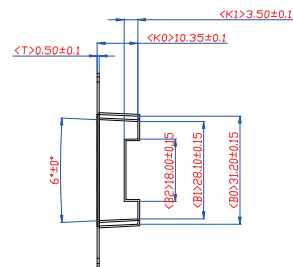
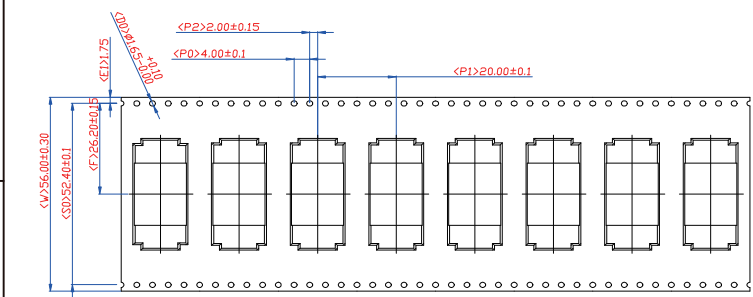


MSL:  
Grade: 1 level. Floor life: 0.5 year Condition:  $\leq 30^\circ C/60\%RH$ .  
Ramp up rate=3°C/s max Ramp down rate=6°C/s max  
 $T_L=217^\circ C$   $t_L=60s-150s$   $T_p=250\pm 3^\circ C$  Time within 5°C of actual Peak Temperature (tp): 20~40s  
 $T_{smin}=150^\circ C$   $T_{smax}=200^\circ C$   $T_{smin}$  to  $T_{smax}$ : 60s-180s, 25°C to peak Temperature: 8minutes max


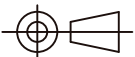
A	 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: Transformer	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
			PART NO.: WHS06202E0	SACLE 1:1	REV A0	$x\pm 0.35$ $.x\pm 0.30$	$x^\circ\pm 3.0^\circ$ $.x^\circ\pm 2.0^\circ$	CHECKED BY: Elvis.Song
	TEL: +86 400 1048 018	WEB: <a href="http://WWW.WOHU-TEK.COM">WWW.WOHU-TEK.COM</a>	REMARK: Meet AEC-Q200 Standard	SHEET 2/3		$.xx\pm 0.25$ $.xxx\pm 0.10$	$.xx^\circ\pm 1.5^\circ$ $.xxx^\circ\pm 1.0^\circ$	DESIGND BY: Sunny.Xu

REACH & RoHS  
COMPLIANT

E. Packaging specification



Package Quantity:  
One Reel=300Pcs  
One Inner Carton=300\*1=300Pcs  
One Export Carton=300\*5=1500Pcs

A	 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: Transformer	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
			PART NO.: WHS06202EO	SACLE 1:1	REV A0	.x±0.35	x°±3.0°	CHECKED BY:
	TEL: +86 400 1048 018      WEB: WWW.WOHU-TEK.COM		REMARK: Meet AEC-Q200 Standard	SHEET 3/3		.xx±0.25	.xx°±1.5°	DESIGND BY:
						.xxx±0.10	.xxx°±1.0°	Sunny.Xu