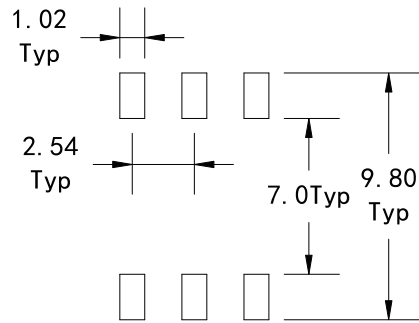
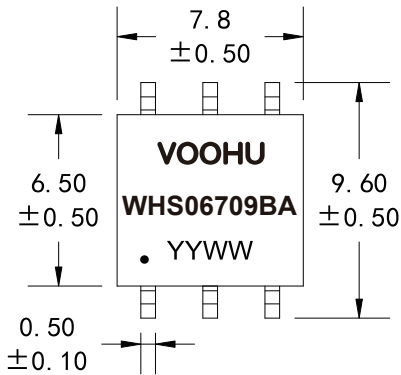
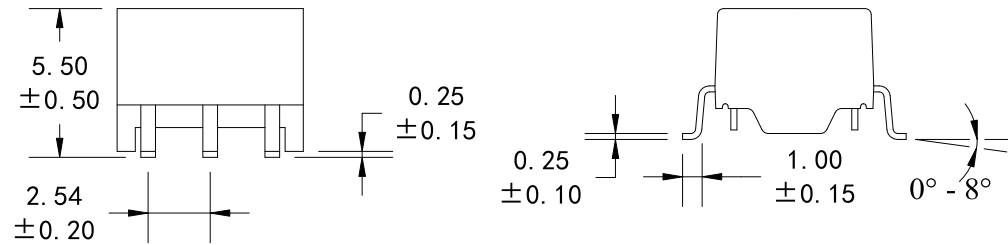


REACH & RoHS
COMPLIANT

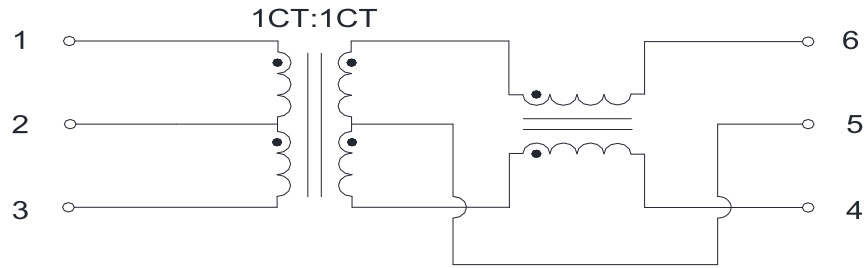
A. MECHANICAL(unit:mm)



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:
Transformer

PART NO.:
WHS06709BA

REMARK: BMS Application
Meet AEC-Q200 Standard

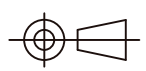
SIZE
A4

SACLE
1:1

SHEET
1/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35
.x±0.30

.xx±0.25
.xxx±0.10

x°±3.0°
.x°±2.0°

.xx°±1.5°
.xxx°±1.0°

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

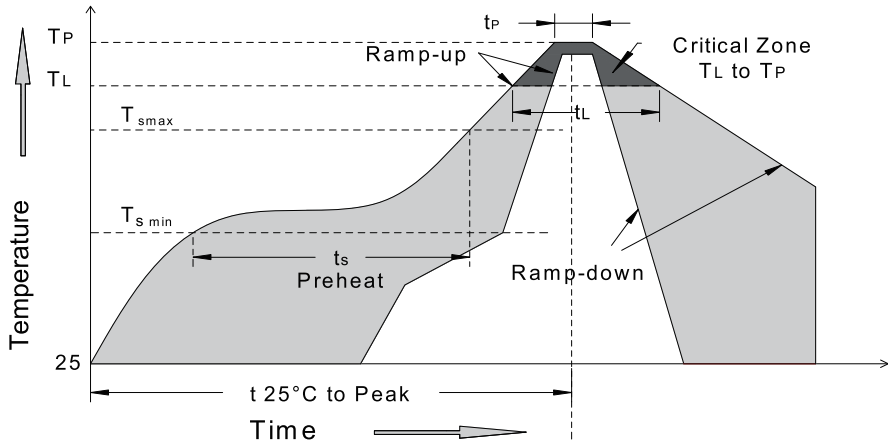
REACH & RoHS
COMPLIANT

C. ELECTRICAL SPECIFICATIONS @25°C

Unless Otherwise Specified, Testing is Performed at 25°C ± 5°C

- 1. OCL: 150 uH Min @ 100 KHz, 0.1V
- 2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
- 3. DCR: (1 to 3) 700mΩ Max
(6 to 4) 1000mΩ Max
- 4. Turns Ratio: 1CT:1CT±5%
- 5. Insertion Loss: -0.5 dB Max @ 4 MHz
- 6. Return Loss: -20 dB Min @ 4 MHz
- 7. Common Mode Rejection: -35 dB Min @ 1-100 MHz
- 8. Isolation Hipot: 4300VDC 1mA 60s or 2600VAC 1mA 10s
- 9. Operating temperature -40°C to +125°C
- 10. Storage Temperature(With Package): +10°C to +40°C
- 11. Storage Temperature(Without Package, Just For Components): -40°C to +125°C
- 12. RoHS Compliant
- 13. Qualification: Meet AEC-Q200

D. RECOMMEND WAVE SOLDERING CURVE

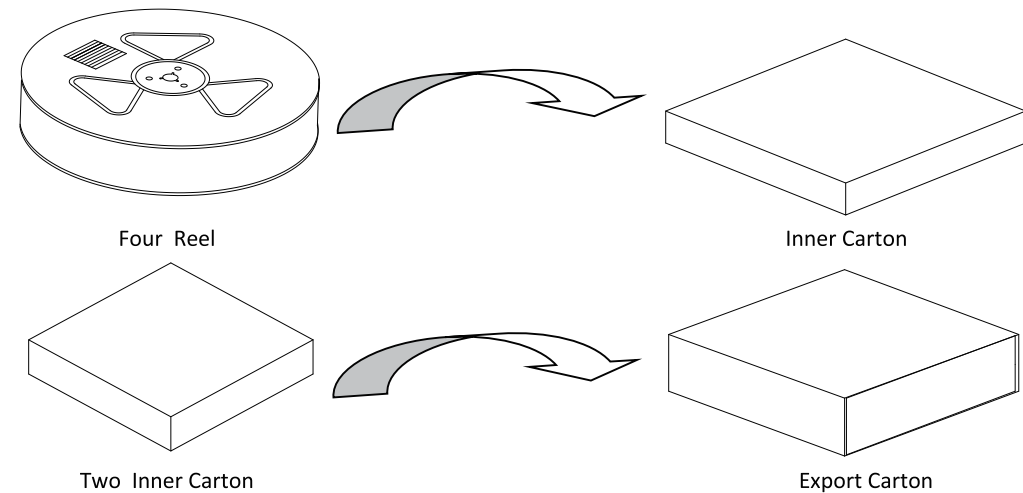
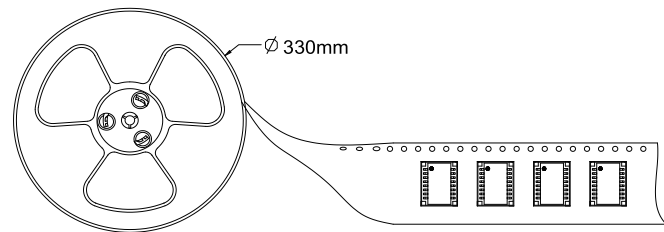
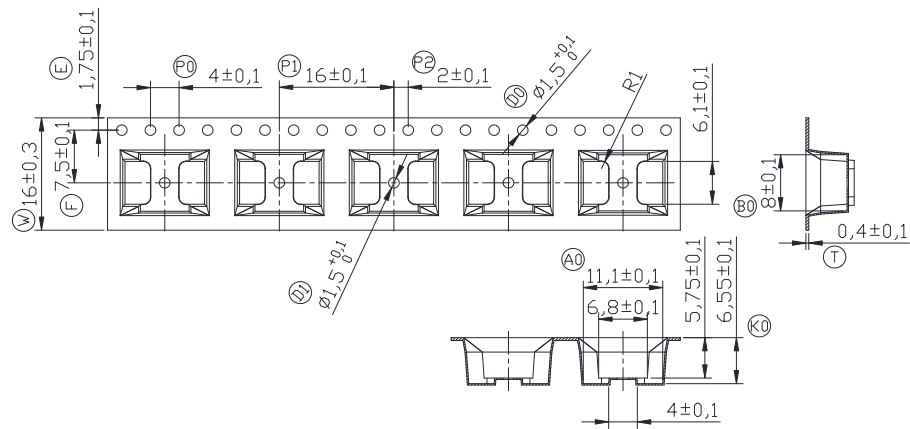


MSL:
Grade: 1 level. Floor life: 0.5 year Condition: <=30°C/60%RH.
Ramp up rate=3°C/s max Ramp down rate=6°C/s max
TL=217°C tL=60s-150s Tp=250+/-3°C Time within 5°C of actual Peak Temperature (tp): 20~40s
Ts min=150°C Ts max=200°C Ts min to Ts max: 60s-180s, 25°C to peak Temperature: 8minutes max


<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>		TITLE: Transformer	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: WHS06709BA	SACLE 1:1	REV A0	x±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: BMS Application Meet AEC-Q200 Standard	SHEET 2/3		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu

REACH & RoHS
COMPLIANT

E. Packaging specification



Package Quantity:
One Reel=600Pcs
One Inner Carton=600*4=2400Pcs
One Export Carton=2400*2=4800Pcs

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TEL: +86 400 1048 018	WEB: WWW.WOHU-TEK.COM	REMARK: BMS Application Meet AEC-Q200 Standard	SHEET 3/3		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
					.xxx±0.10	.xxx°±1.0°	