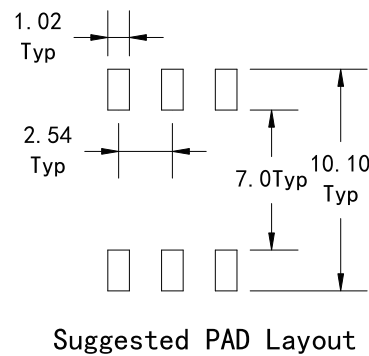
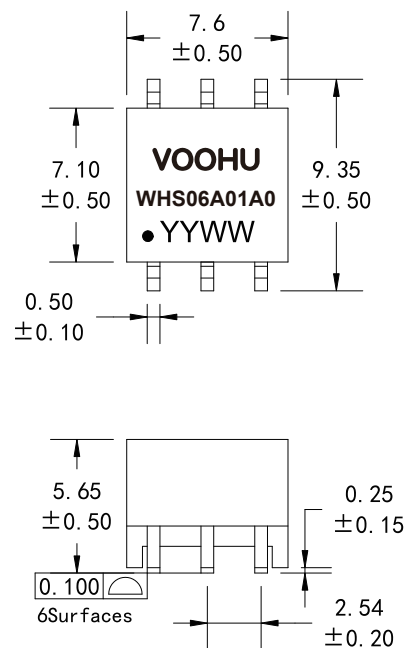
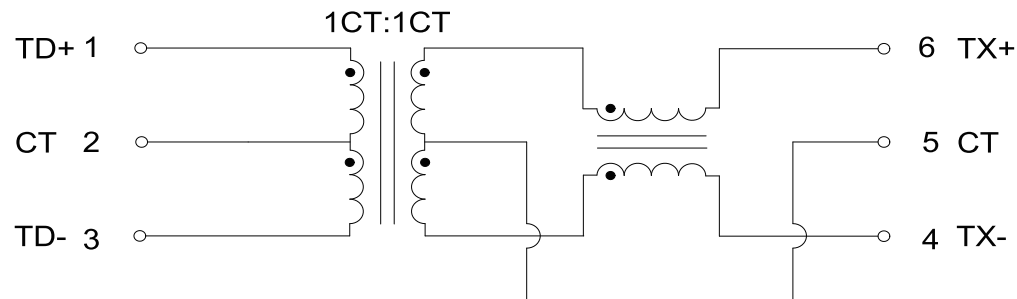


REACH & RoHS
COMPLIANT

A. MECHANICAL(unit:mm)



B. Schematics



C. ELECTRICAL SPECIFICATIONS @25℃

1. OCL: 150 uH Min @ 100 KHz, 0.1V
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: (1 to 3) 450mΩ Max
(6 to 4) 850mΩ 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
9. Moisture Sensitivity Level-1
10. ESD Classification (HBM): N/A
11. Functional insulation, Working Voltage:1000 VDC
12. Qualification: Meet AEC-Q200
13. Operating temperature -40℃ to +125℃
14. Storage Temperature(With Package): +10℃ to +40℃
15. Storage Temperature(Without Package, Just For Components): -40℃ to +125℃
16. RoHS Compliant
17. Qualification: Meet AEC-Q200

VOOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE:
Transformer

PART NO.:
WHS06A01A0

REMARK: BMS Application
Meet AEC-Q200 Standard

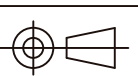
SIZE
A4

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

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

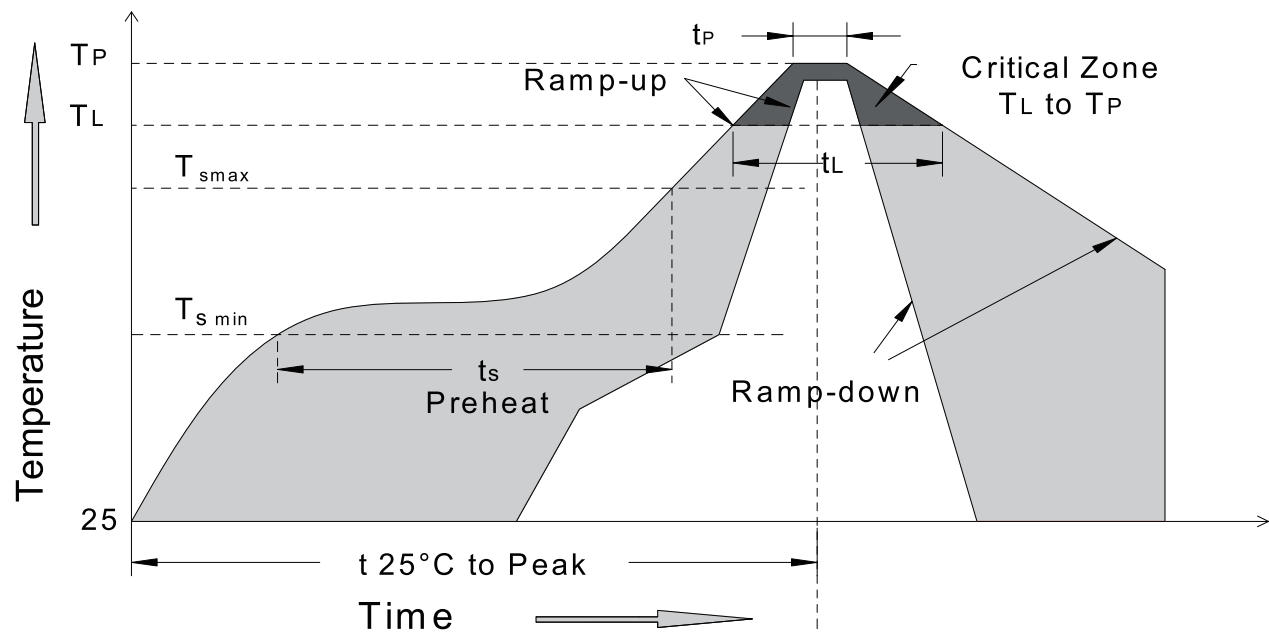
DESIGND BY:
Sunny.Xu

TEL: +86 400 1048 018


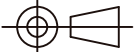
WEB: WWW.WOHU-TEK.COM

REACH & RoHS
COMPLIANT

D. RECOMMEND WAVE SOLDERING CURVE

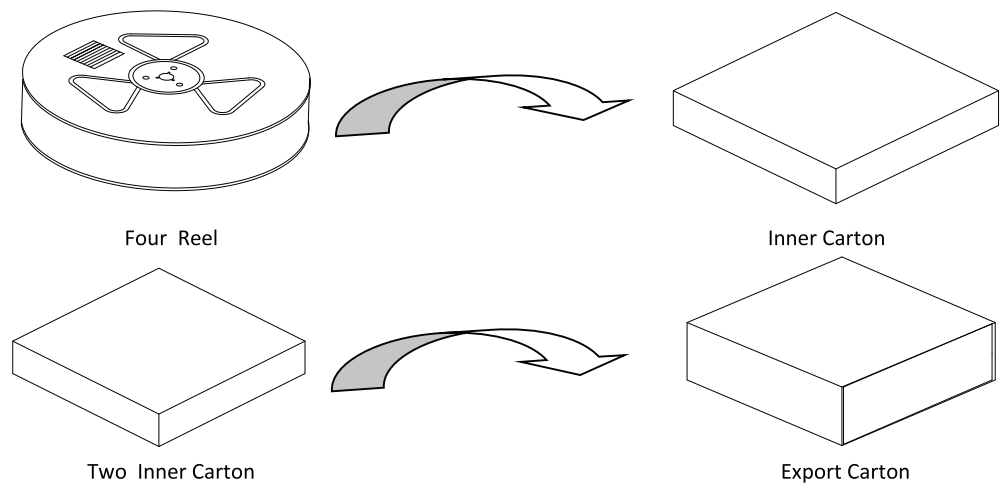
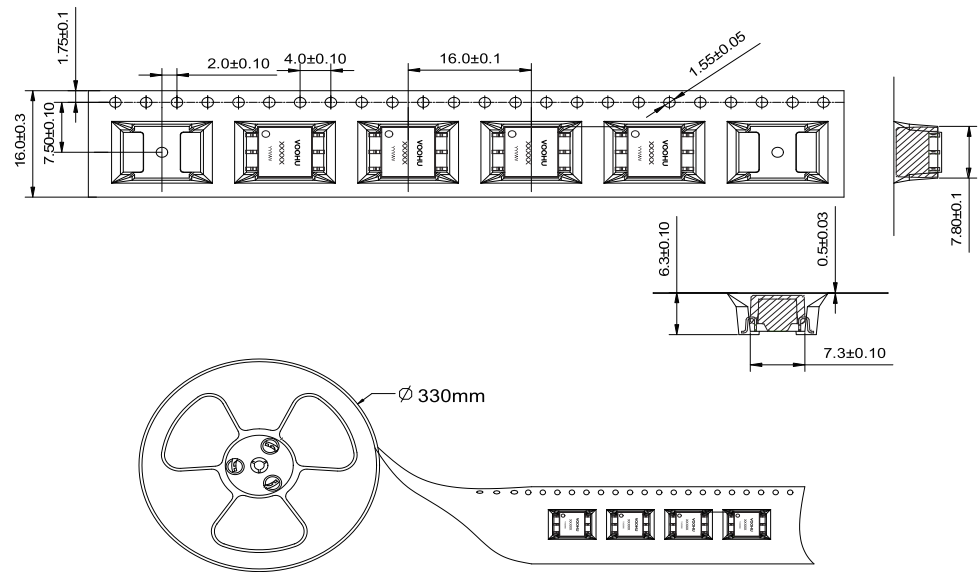


MSL:
Grade: 1 level. Floor life: 0.5 year Condition:≤30°C/60%RH.
Ramp up rate=3°C/s max Ramp down rate=6°C/s max
TL=217°C tL=60s-150s Tp=250+/-3°C Time within 5°C of actual Peak Temperature (tp): 20~40s
Ts min=150°C Ts max=200°C Ts min to Ts max: 60s-180s, 25°C to peak Temperature: 8minutes max


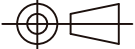
| | | | | | | | | |
|---|---|---|---|--------------|---|--|-------------------------|-------------------------------|
| A |  苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd | | TITLE: Transformer | SIZE A4 | UNITS MM[INCH] | GENERAL TOLERANCES UNLESS SPECIFIED | | APPROVED BY: Geoffrey.Song |
| | | | PART NO.: WHS06A01A0 | 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

| | | | | | | | | |
|---|---|-----------------------|---|--------------|---|--|-------------------------|-------------------------------|
| 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.: WHS06A01A0 | 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 3/3 |  | .xx±0.25 .xxx±0.10 | .xx°±1.5° .xxx°±1.0° | DESIGND BY: Sunny.Xu |