Specification for Approval
产品承认书

Customer:

Customer P/N:

VOOHU P/N: WHST06K02A0

Version No.: V0.1

Description: Gate-Drive Application

SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2025/8/14		日期DATE: 2025/8/14

Please Return One Copy to Us After Approved,TKs!（承认后请回寄一份,谢谢）

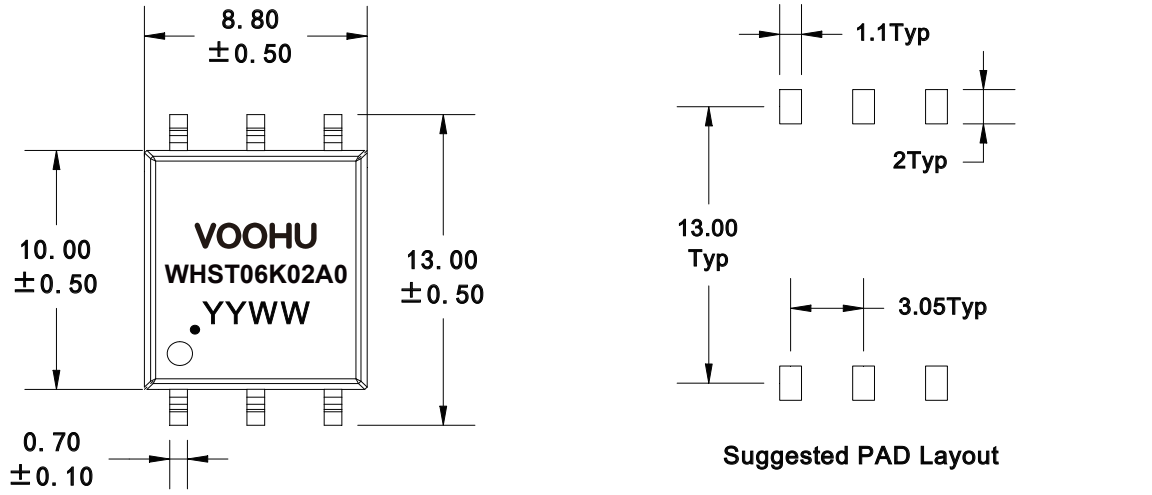
VOOHU 沃虎
选沃虎 · 真靠谱
苏州沃虎电子科技有限公司
SuZhou Voohu Electronic Tech.Co.,Ltd

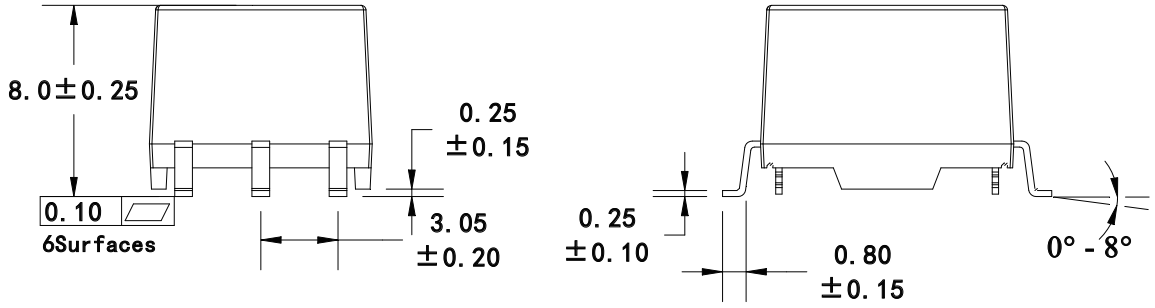
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Revision History

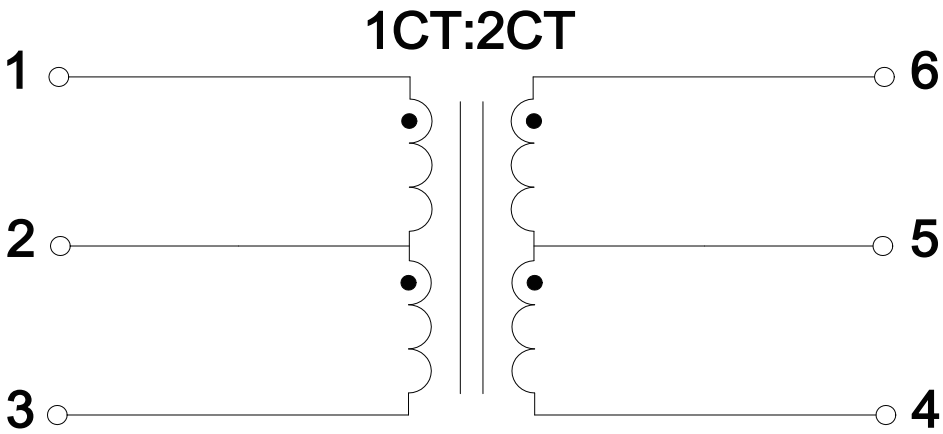
Revision	Changed Date	Request By	Change Content
V0.1	2025/08/14	Leo	New Version Release

A. MECHANICAL(unit:mm)





B. Schematics

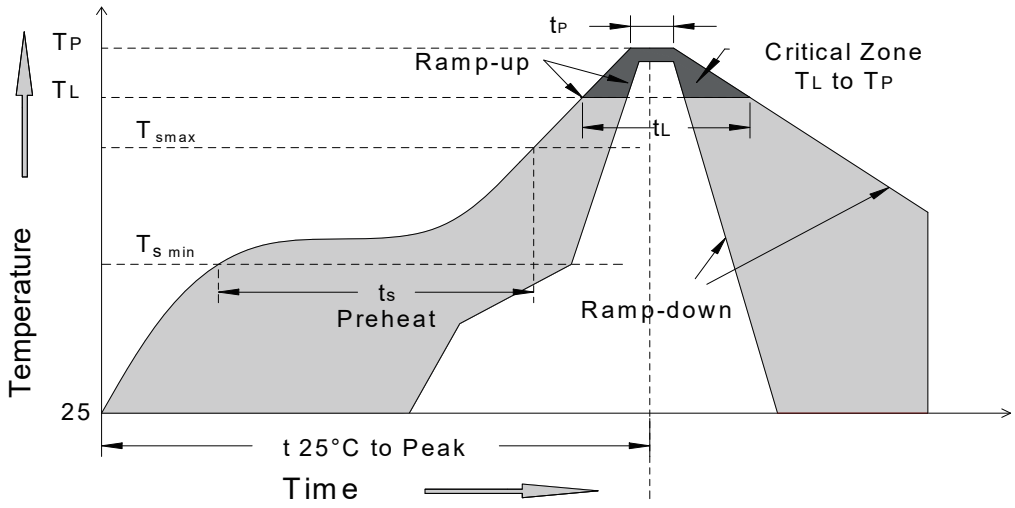


C. ELECTRICAL SPECIFICATIONS @25℃

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

1. OCL(Pin1-3): 340uH Min @ 100 KHz, 0.1V @25℃
2. Leakage Inductance: 1.0uH Max @ 100KHz, 0.1V
3. DCR(Pin1-3): 750mΩ Max
   DCR(Pin6-4): 1300mΩ Max
4. CW/W: 20 pF Max @ 100 KHz, 0.1V
5. Turns Ratio: (Pin1-3):(Pin6-4)=1CT:2CT±5%
6. Isolation Hipot: 4000Vrms
7. Operating temperature -40℃ to +125℃
8. Storage temperature -40℃ to +125℃
9. 8mm minimum creepage & clearance distance between PRI&SEC
10. Meet AEC-Q200

D. RECOMMEND REFLOW 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 ±3°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