Specification for Approval
产品承认书

Customer:

Customer P/N:

VOOHU P/N: WHST08003R0

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:2026/11/02		日期DATE: 2026/11/02

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

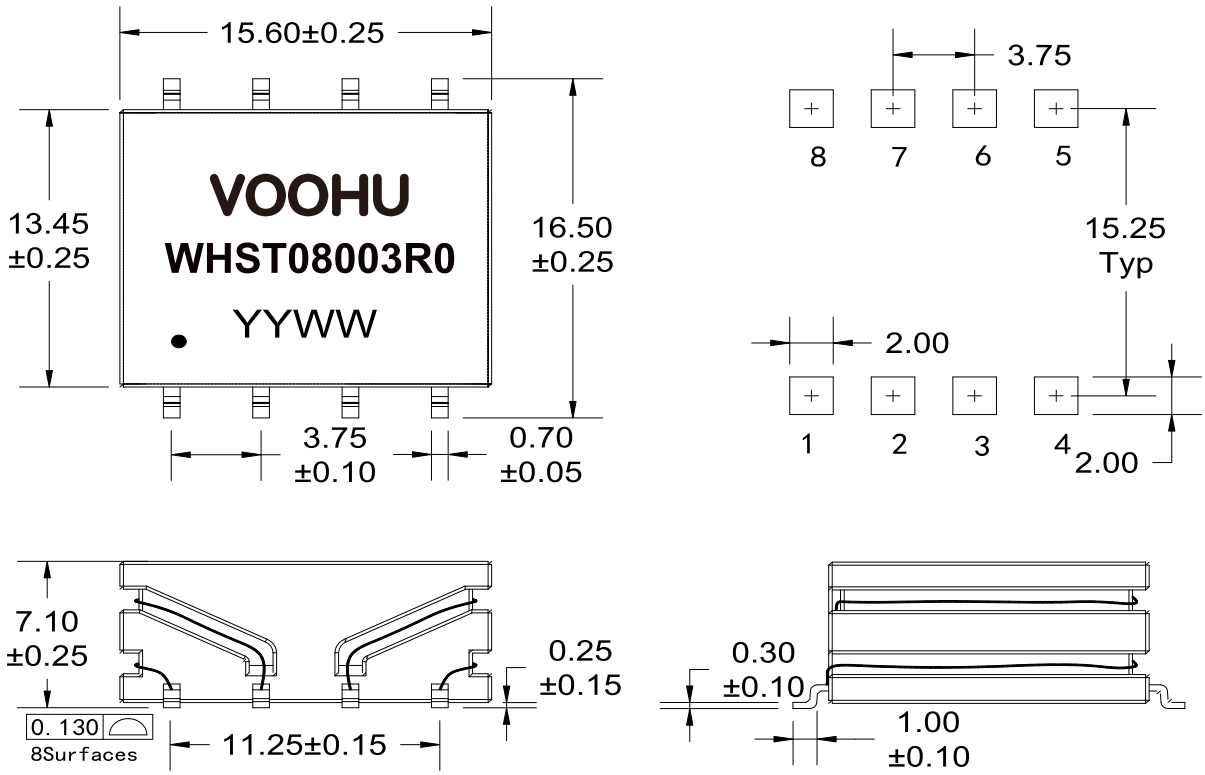
VOOHU 沃虎
选沃虎 · 真靠谱
苏州沃虎电子科技有限公司
SuZhou Voohu Electronic Tech.Co.,Ltd

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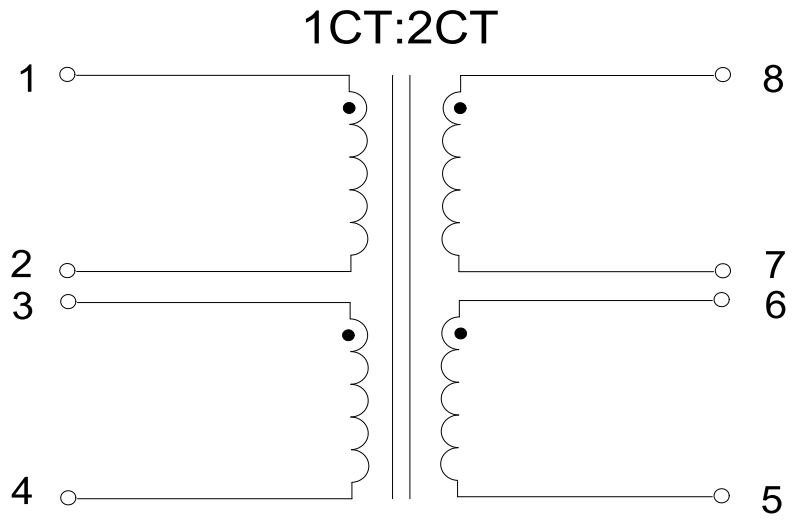
Revision History

Revision	Changed Date	Request By	Change Content
V0.1	2026/11/02	Arley	New Version Release

A. MECHANICAL(unit:mm)



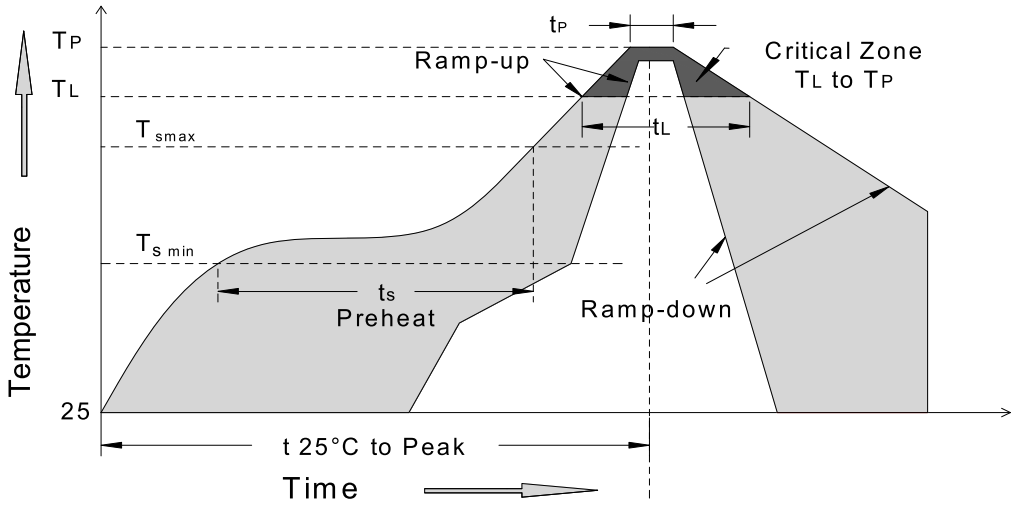
B. Schematics



C. ELECTRICAL SPECIFICATIONS @25℃

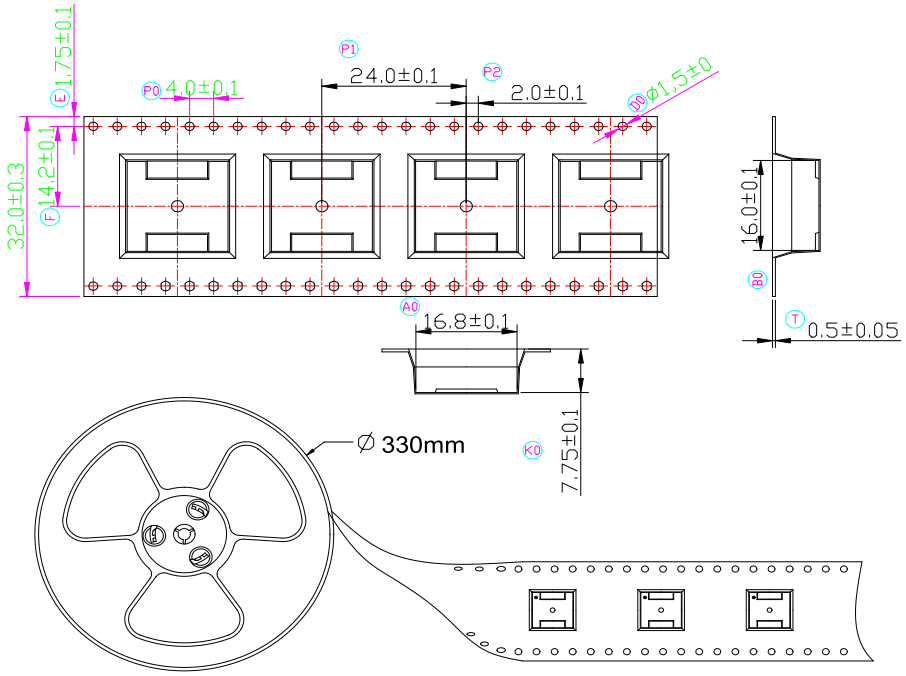
1. OCL(Pin1-2): 80uH Min @ 100 KHz, 0.1V @25℃
2. Leakage Inductance: 1.2uH Max @ 100KHz, 0.1V
3. DCR(Pin1-2=3-4): 250mΩ Max
   DCR(Pin5-6=7-8): 350mΩ Max
4. CW/W: 10 pF Max @ 100KHz, 0.1V
5. V*μs: 70 max
6. Turns Ratio: (Pin1-2):(Pin3-4)=1:1±5%
   (Pin1-2):(Pin8-7)=1:2±5%
   (Pin1-2):(Pin6-5)=1:2±5%
7. Isolation Hipot: 4200Vrms 1mA 60S
8. Reinforced Insulation And The Creepage Distance of 13mm Min And The clearance distance of 13mm Min.
9. Operating temperature -40℃ to +125℃
10. Storage Temperature(With Package): +10℃ to +40℃
11. Storage Temperature(Without Package, Just For Components): -40℃ to +125℃
12. RoHS Compliant
13. Qualification： Meet AEC-Q200

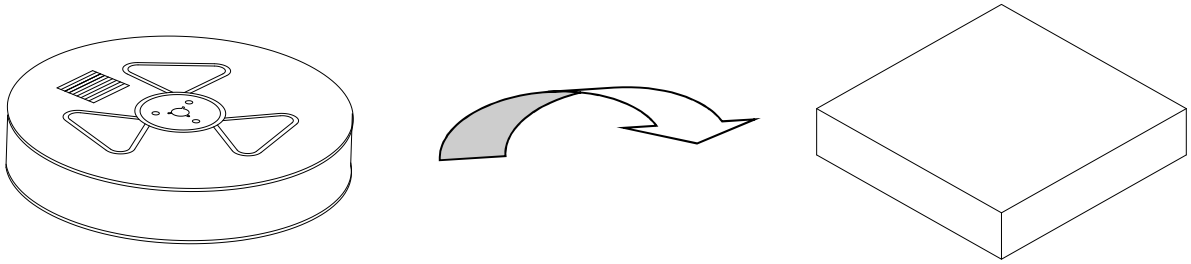
D. RECOMMEND REFLOW SOLDERING CURVE



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

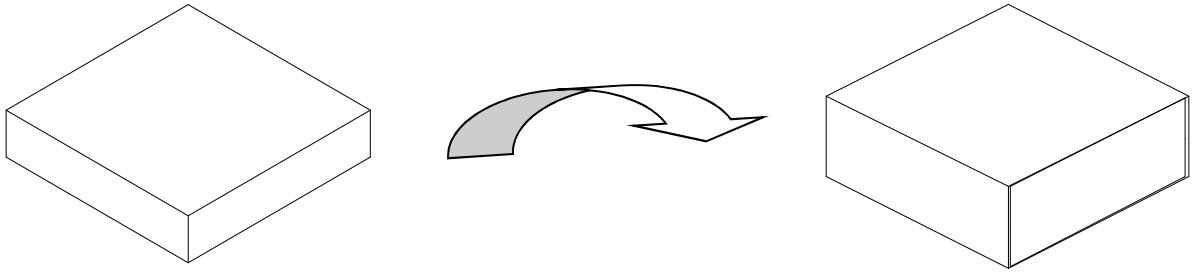
E. PACKAGE INFORMATION





Two Reel

Inner Carton



Two Inner Carton

Export Carton

Package Quantity:

One Reel=300Pcs

One Inner Carton=300*2=600Pcs

One Export Carton=600*2=1200Pcs