Specification for Approval
产品承认书

Customer:

Customer P/N:

VOOHU P/N: WHSH16D01E0

Version No.: V0.1

Description: 10/100 BASE-TX

SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2026/11/10		日期DATE: 2026/11/10

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

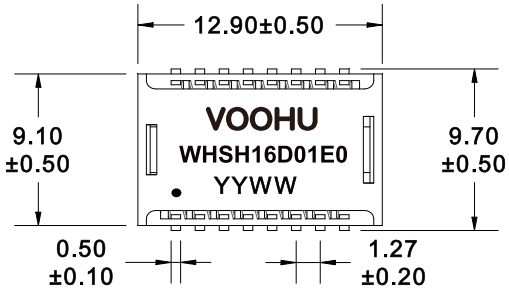
VOOHU 沃虎
选沃虎 · 真靠谱
苏州沃虎电子科技有限公司
SuZhou Voohu Electronic Tech.Co.,Ltd

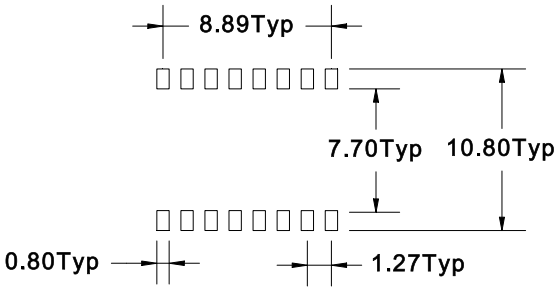
地址：江苏省苏州市吴江区开平商务中心G栋13楼
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Revision History

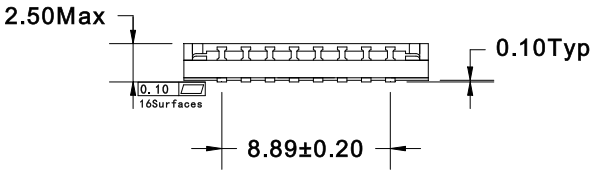
Revision	Changed Date	Request By	Change Content
V0.1	2026/11/10	Arley	New Version Release

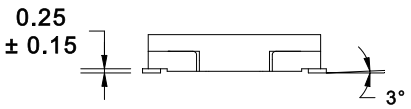
A. MECHANICAL(unit:mm)



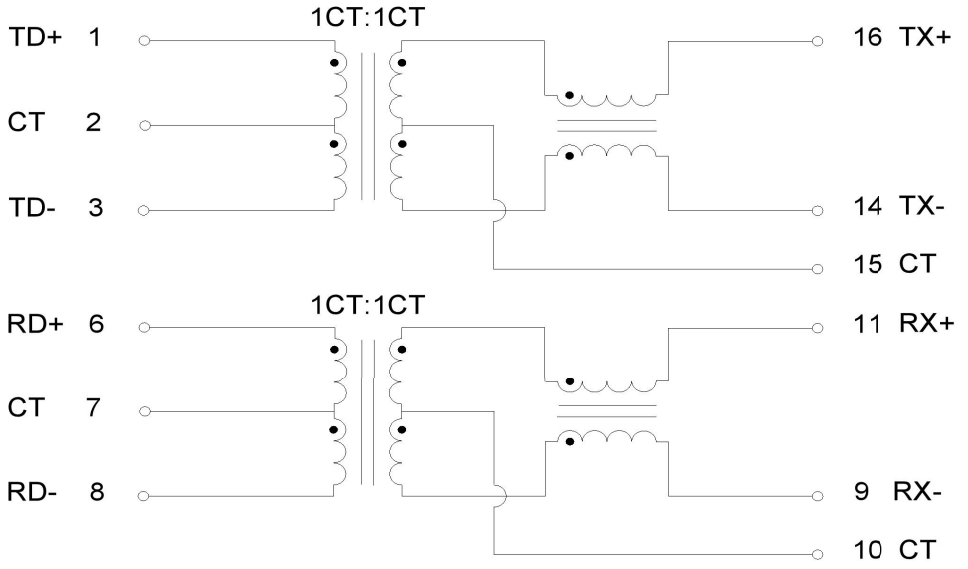


SUGGESTED PAD LAYOUT





B. Schematics

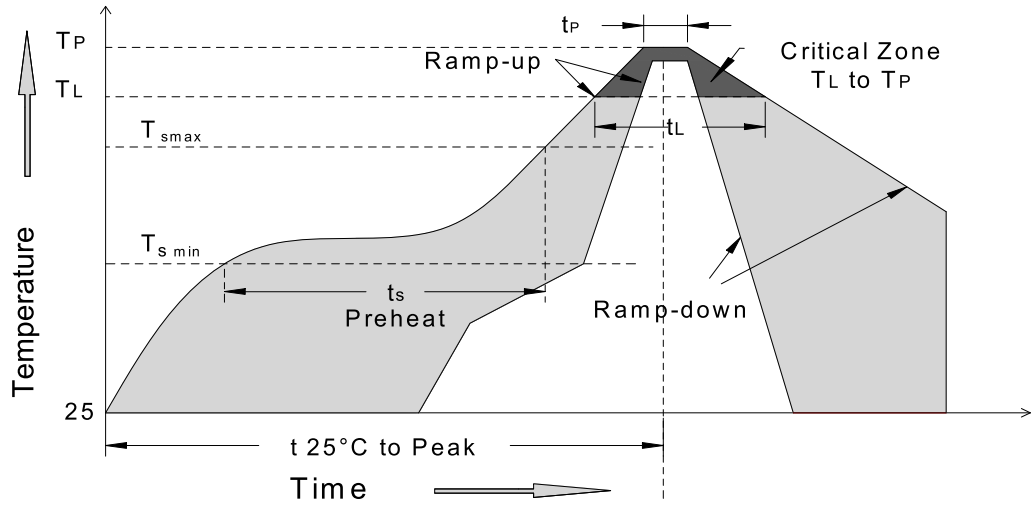


C. ELECTRICAL SPECIFICATIONS @25℃

Unless Otherwise Specified, Testing is Performed at 25℃ ± 5℃

1. OCL: 350 uH Min @ 100 KHz, 0.1V
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 1400mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.1 dB Max @ 1-100 MHz
6. Return Loss: -18 dB Min @ 1-30 MHz
   -14.4 dB Min @ 40 MHz
   -13.1 dB Min @ 50 MHz
   -12 dB Min @ 60-80 MHz
7. Cross Talk: -30 dB Min @ 1-100 MHz
8. Common Mode Rejection: -30 dB Min @ 1-100 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
10. Operating temperature -40℃ to +85℃
11. Storage temperature -40℃ to +85℃

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