Specification for Approval
产品承认书

Customer:

Customer P/N:

VOOHU P/N: WHSM24702P1

Version No.: V0.1

Description: 10G BASE-T

SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2026/09/07		日期DATE: 2026/09/07

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

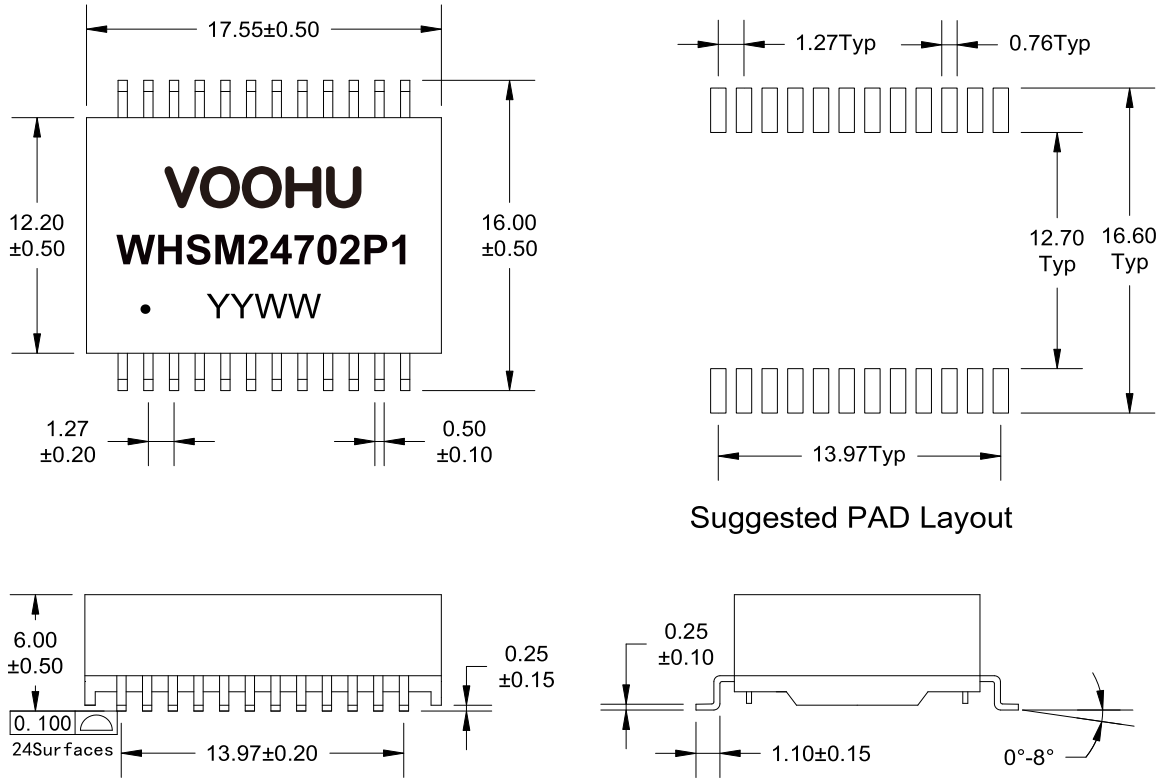
VOOHU 沃虎
选沃虎 · 真靠谱
苏州沃虎电子科技有限公司
SuZhou Voohu Electronic Tech.Co.,Ltd

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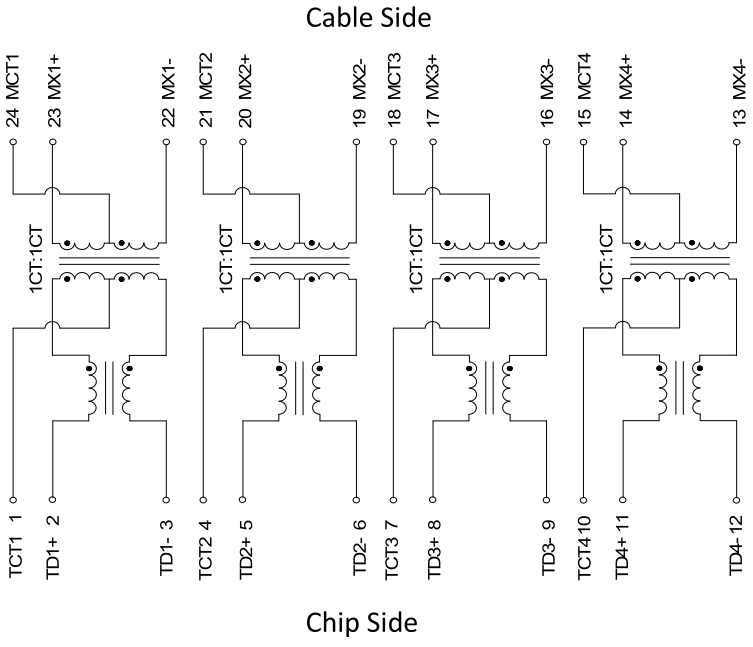
Revision History

Revision	Changed Date	Request By	Change Content
V0.1	2026/09/07	Arley	New Version Release

A. MECHANICAL(unit:mm)



B. Schematics



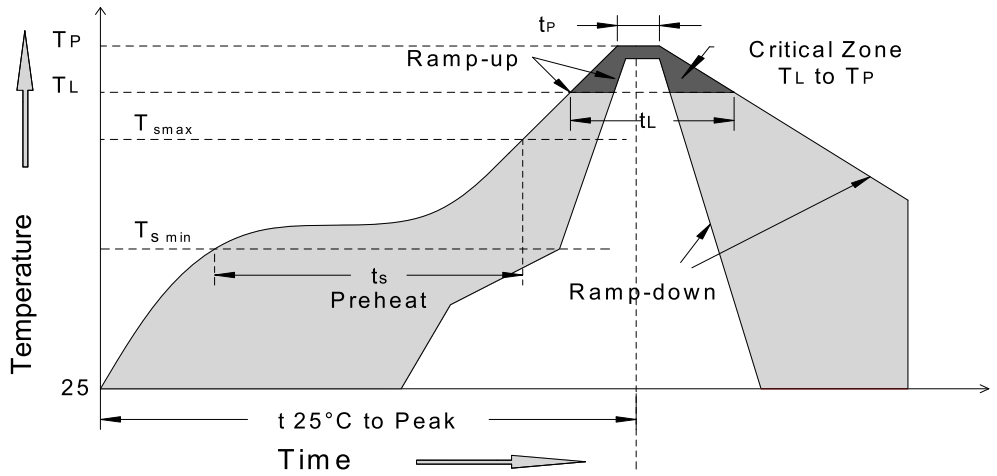
DESCRIPTION	PART NO.	REV:R0
10G BASE-T	WHSM24702P1	PAGE:2/4

C. ELECTRICAL SPECIFICATIONS @25℃

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

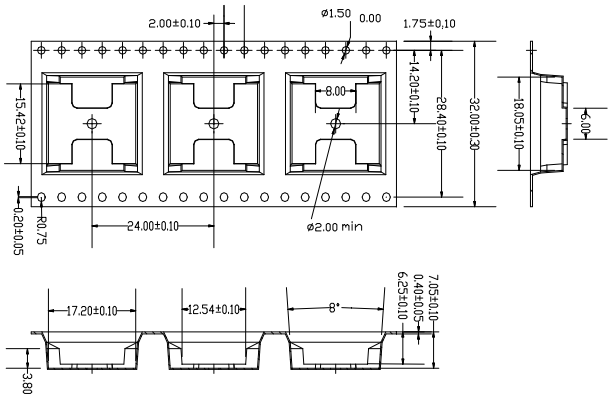
1. OCL: 120 uH Min @100KHz 0.1V with 14mA DC Bias
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 900mΩ Max
4. Turns Ratio: 1CT:1CT±5%
5. Insertion Loss: -1.2dB max @ 1~200 MHz
   -1.5dB max @ 200~300 MHz
   -2.0dB max @ 300~400 MHz
   -3.0dB max @ 400~500 MHz
6. Return Loss: -18 dB Min @ 1~100 MHz
   -16 dB Min @ 100~200 MHz
   -12 dB Min @ 200~300 MHz
   -10 dB Min @ 300~400 MHz
   -8 dB Min @ 400~500 MHz
7. Cross Talk: -25 dB Typ @ 1-500 MHz
8. Common Mode Rejection: -25 dB Typ @ 1-500 MHz
9. Isolation Hipot: 1500VAC 1mA 60S
10. Operating temperature 0℃ to +70℃ (Inclued The Temperature Rise)
11. Storage temperature -40℃ to +85℃
12. PoE Support 30W： Each channel support 720mA DC balance current

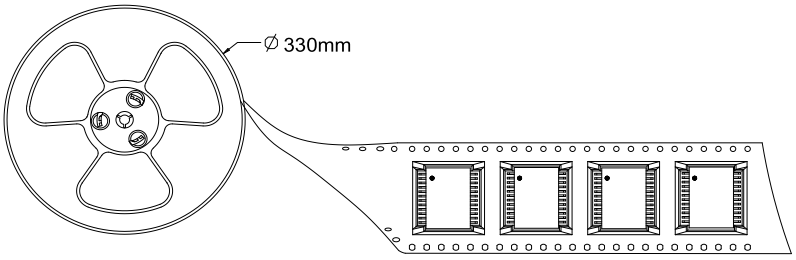
D. RECOMMEND REFLOW SOLDERING CURVE

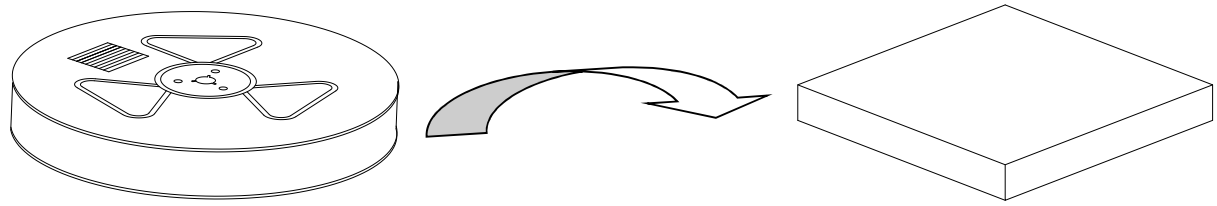


MSL:
Grade: 1 level. Floor life: 0.5 year Condition:</=30°C/60%RH.
Ramp up rate=3°C/s max Ramp down rate=6°C/s max
TL=217°C tL=60s-150s Tp=250+/-3°C Time within 5°C of actual Peak Temperature (tp): 20~40s
Ts min=150°C Ts max=200°C Ts min to Ts max: 60s-180s, 25°C to peak Temperature: 8minutes max

E. Packaging specification

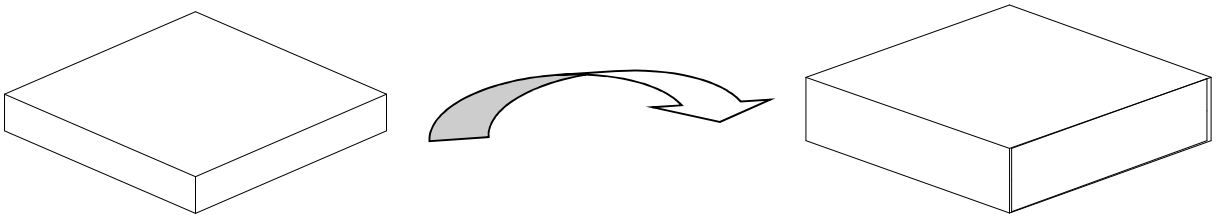






Two Reel

Inner Carton



Five Inner Carton

Export Carton

Package Quantity:

One Reel=350Pcs

One Inner Carton=350*2=700Pcs

One Export Carton=700*5=3500Pcs