Specification for Approval
产品承认书

Customer:	
Customer P/N:	
VOOHU P/N:	WHSG24R03C0
Version No.:	V0.1
Description:	100/1000 BASE-T
	Laser Marking

SUZHOU VOOHU Company Approval		**Customer Approval (客户承认签章)**
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2026/07/16		日期DATE: 2026/07/16

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

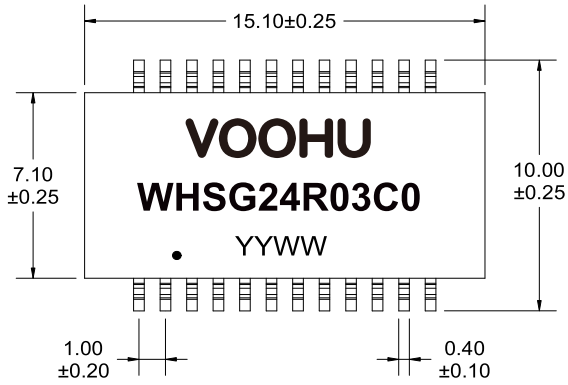
VOOHU 沃虎
选沃虎 · 真靠谱
苏州沃虎电子科技有限公司
SuZhou Voohu Electronic Tech.Co.,Ltd

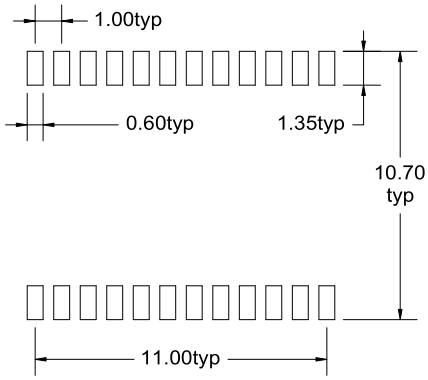
地址：江苏省苏州市吴江区开平商务中心G栋13楼
ADD: Building A, Alpha Building, Wujiang District,
Suzhou City, Jiangsu Province
TEL: 400 1048 018
+86 13338655578
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Revision History

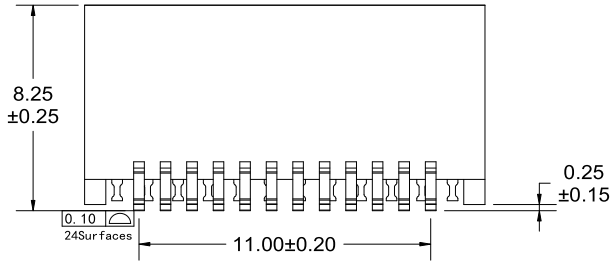
Revision	Changed Date	Request By	Change Content
V0.1	2026/07/16	Arley	New Version Release

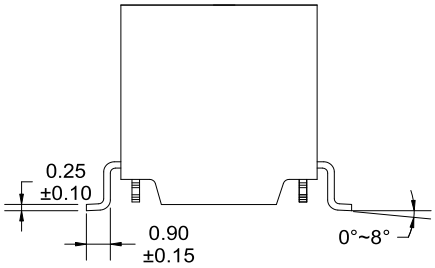
A. MECHANICAL(unit:mm)





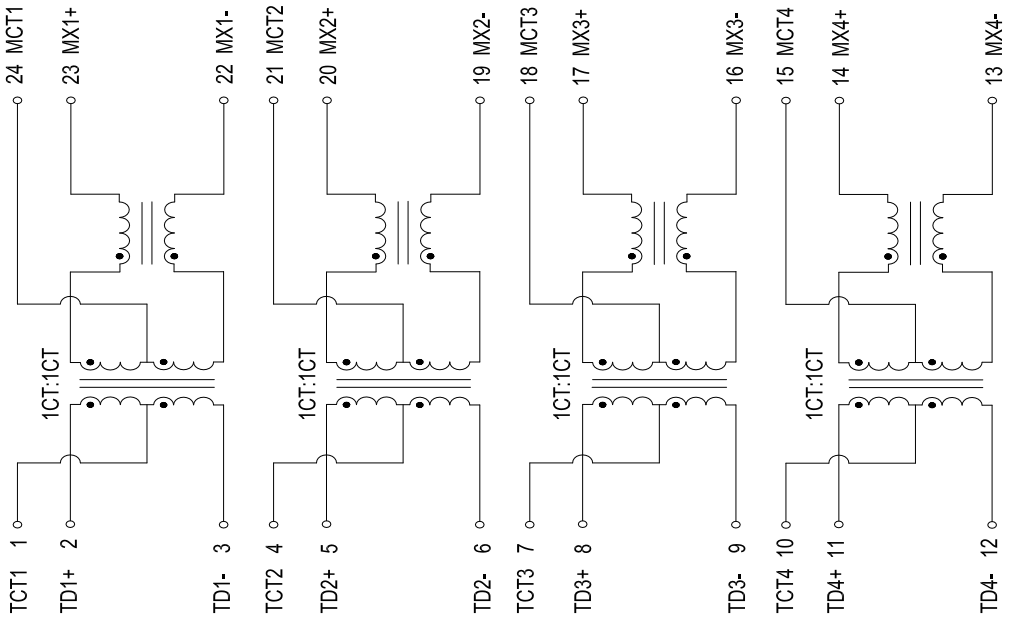
Suggested PAD Layout





B. SCHEMATICS

Chip Side



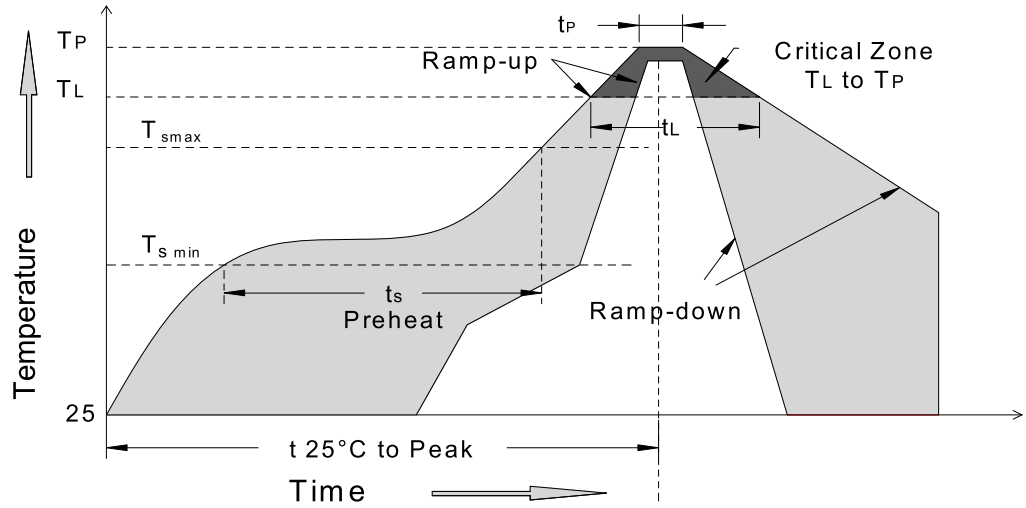
Cable Side

C. ELECTRICAL SPECIFICATIONS @25°C

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

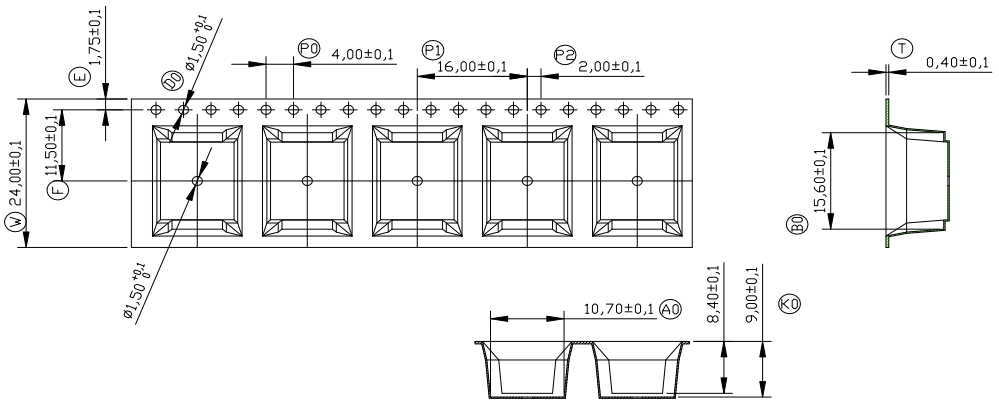
1. OCL: 350uH Min @ 100 KHz, 0.1V 8mA DC BIAS
2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
3. DCR: 1400mΩ Max
4. Turns Ratio: 1CT:1CT±3%
5. Insertion Loss: -1.2 dB Max @ 0.5-1 MHz
   -0.2-0.002*f^1.4 dB Max @ 1-125 MHz
6. Return Loss: -16 dB Min @ 1-40 MHz
   -10+20*log(f/80) dB Min @ 40.1-100 MHz
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°C to +85°C(Inclued The Temperature Rise)
11. Storage temperature -40°C to +85°C
12. IEEE802.3at compliant performance---720mA Current Capability

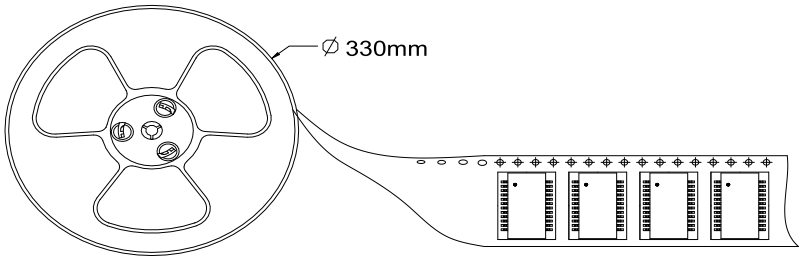
D. RECOMMEND REFLOW SOLDERING CURVE

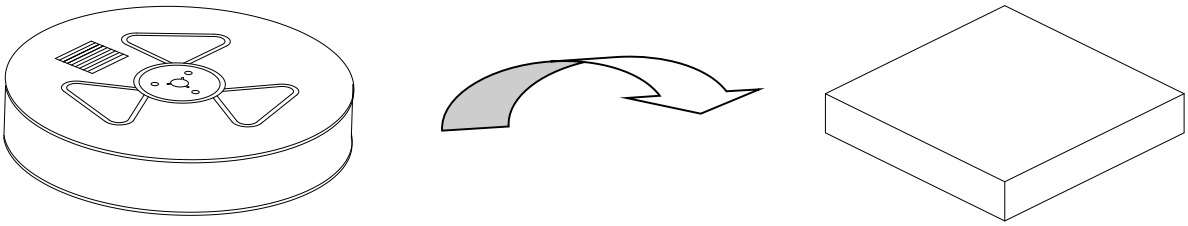


MSL:
Grade: 1 level. Floor life: 0.5 year Condition:</=30°C/60%RH.
Ramp up rate=3°C/s max Ramp down rate=6°C/s max
TL=217°C tL=60s-150s Tp=250+/-3°C Time within 5°C of actual Peak Temperature (tp): 20~40s
Ts min=150°C Ts max=200°C Ts min to Ts max: 60s-180s, 25°C to peak Temperature: 8minutes max

E. PACKAGE INFORMATION

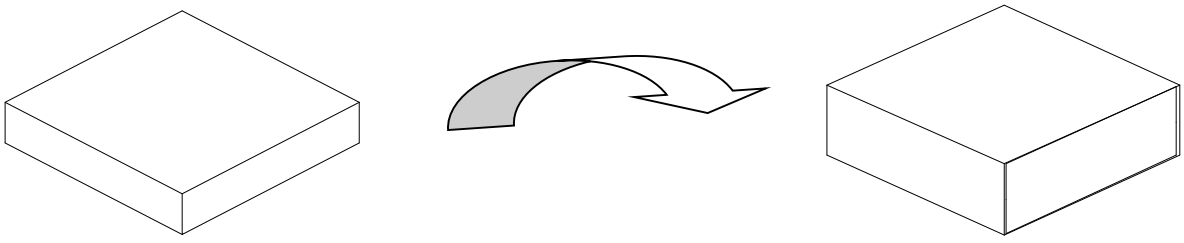






Two Reel

Inner Carton



Two Inner Carton

Export Carton

Package Quantity:

One Reel=420Pcs

One Inner Carton=420*2=840Pcs

One Export Carton=840*2=1680Pcs