

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHSM48702G

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::2024/7/13		日期DATE:

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

VOOHU 沃虎

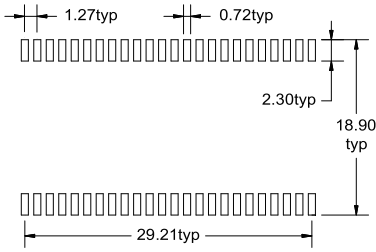
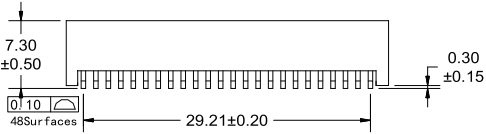
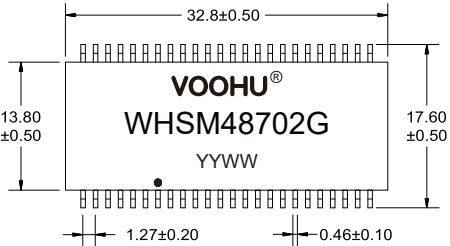
—— 连接世界 · 通信未来 ——

苏州沃虎电子科技有限公司
SuZhou Voohu Electronic Tech.Co.,Ltd

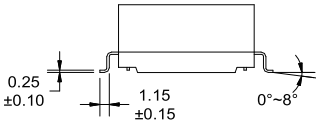
地址：江苏省苏州市吴江区阿尔法大厦A栋
ADD: Building A, Alpha Building, Wujiang District,
Suzhou City, Jiangsu Province

TEL: +86 400 1048 018 WEB: www.wohu-tek.com/
+86 13338655578 E-MAIL: wohu@wohu-tek.com

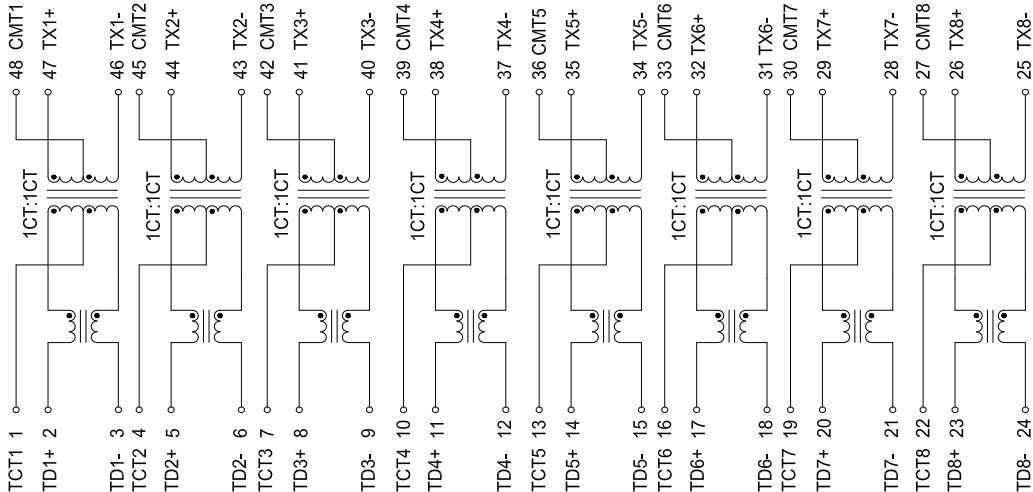
A. MECHANICAL(unit:mm)



Suggested PAD Layout



B. SCHEMATICS



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Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

TITLE:
100/1000 BASE-T

PART NO.:
WHSM48702G

REMARK:

SIZE
A4

SACLE
1:1

SHEET
1/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35	x°±3.0°
.x±0.30	.x°±2.0°
.xx±0.25	.xx°±1.5°
.xxx±0.10	.xxx°±1.0°

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

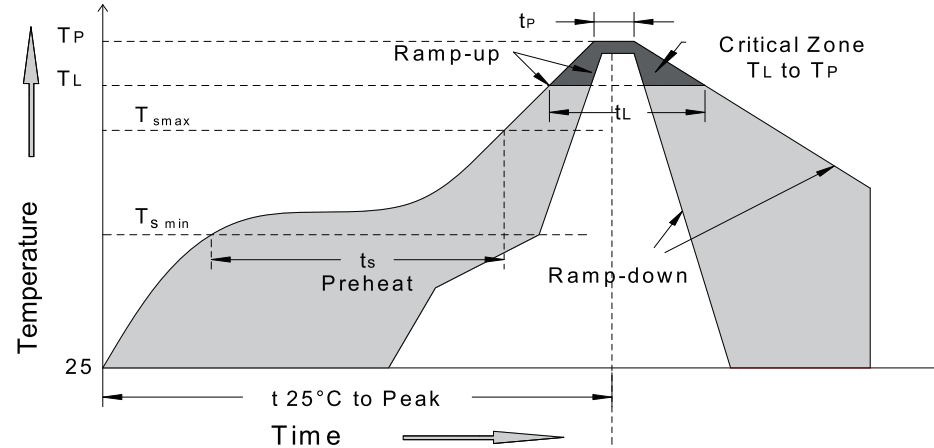
DESIGND BY:
Sunny.Xu

C. ELECTRICAL SPECIFICATIONS @25°C

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

1. OCL: 120 uH Min @100KHz 0.1V
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°C to +70°C
11. Storage temperature -40°C to +85°C

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

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TITLE:
100/1000 BASE-T

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
WHSM48702G

SACLE
1:1

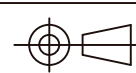
REV
A0

x±0.35 x°±3.0°
.x±0.30 .x°±2.0°

CHECKED BY:
Elvis.Song

REMARK:

SHEET
2/3



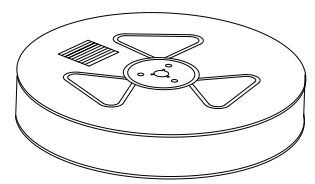
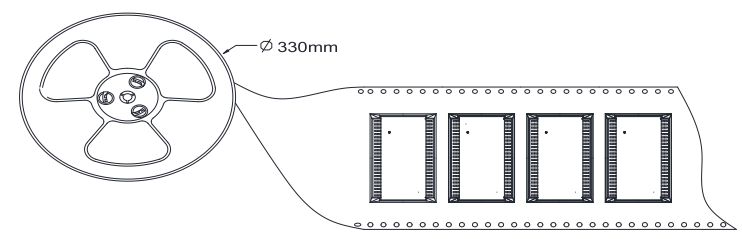
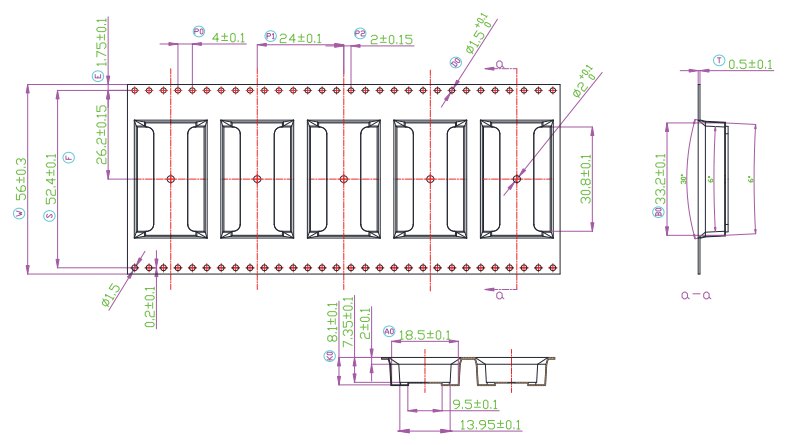
.xx±0.25 .xx°±1.5°
.xxx±0.10 .xxx°±1.0°

DESIGND BY:
Sunny.Xu

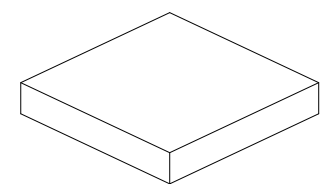
TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

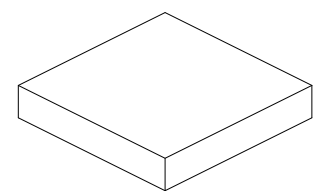
E. PACKAGE INFORMATION



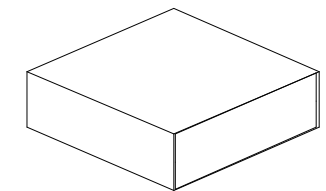
One Reel



Inner Carton



Five Inner Carton



Export Carton

Package Quantity:
One Reel=300Pcs
One Inner Carton=300*1=300Pcs
One Export Carton=300*5=1500Pcs

REMARK:	TITLE: 100/1000 BASE-T	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: WHSM48702G	SACLE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song
		SHEET 3/3		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu



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