

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHSQ24702G

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

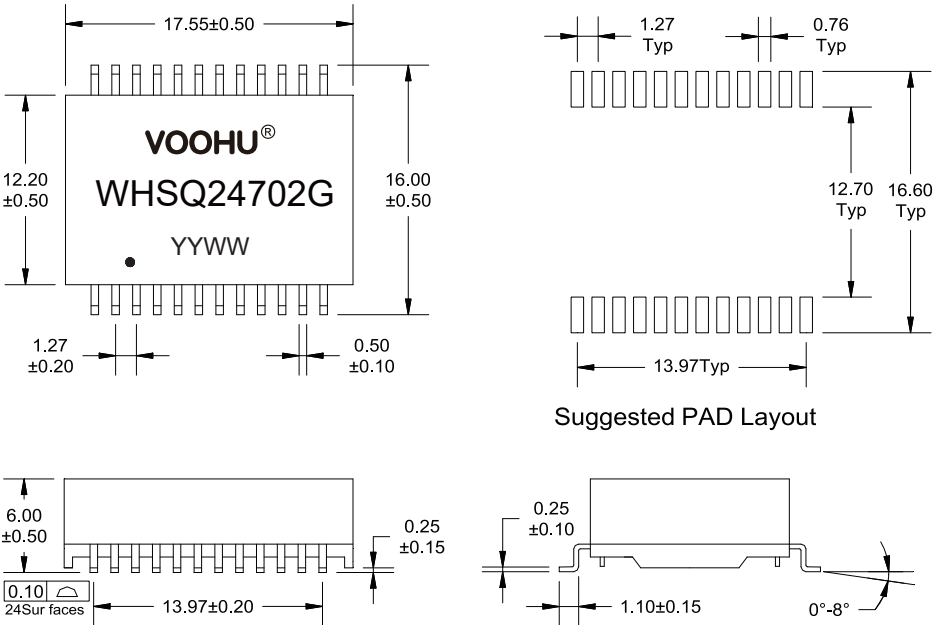
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苏州沃虎电子科技有限公司
SuZhou Voohu Electronic Tech.Co.,Ltd

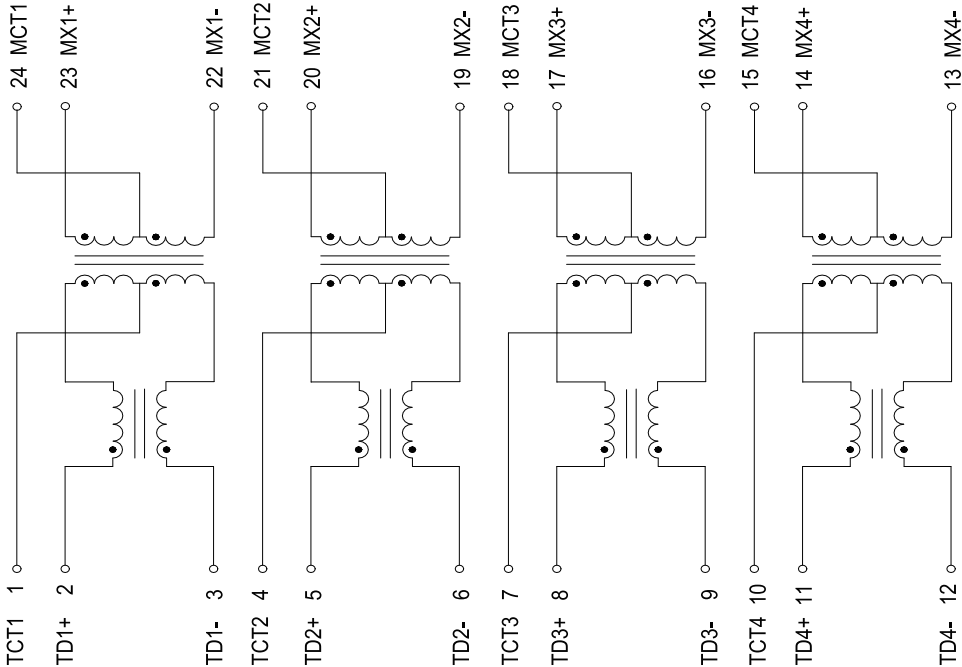
地址：江苏省苏州市吴江区阿尔法大厦A栋
ADD: Building A, Alpha Building, Wujiang District,
Suzhou City, Jiangsu Province

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

A. MECHANICAL(unit:mm)



B. Schematics

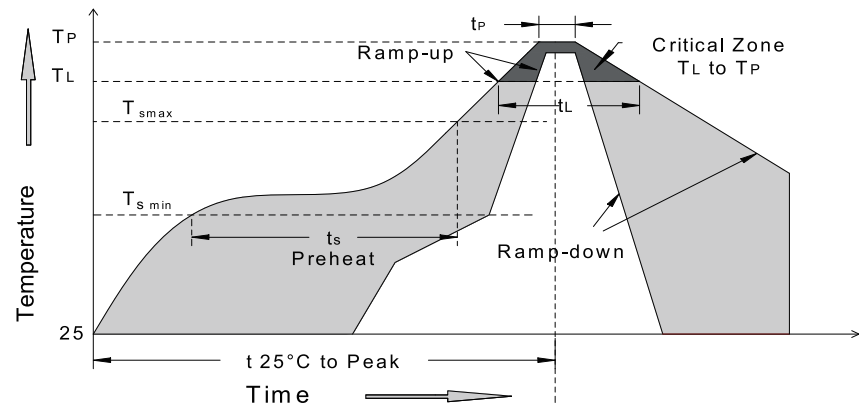


<div><div>VOOHU</div><div>苏州沃虎电子科技有限公司</div><div>Su Zhou Voohu Electronic Tech.Co.Ltd</div></div>			TITLE: 100/1000 BASE-T		SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
			PART NO.: WHSQ24702G		SACLE 1:1	REV A0	.x±0.35	x°±3.0°	CHECKED BY: Elvis.Song	
TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM			REMARK:		SHEET 1/3		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu	
							.xxx±0.10	.xxx°±1.0°		

C. ELECTRICAL SPECIFICATIONS @25°C

- Unless Otherwise Specified, Testing is Performed at 25°C ± 5°C
- 1. OCL: 200uH Min @ 100KHz 0.1V
 - 2. Leakage Inductance: 0.5uH Max @ 100KHz, 0.1V
 - 3. DCR: 1000mΩ Max
 - 4. Turns Ratio: 1CT:1CT±5%
 - 5. Insertion Loss: -1.0 dB Max @ 1-100 MHz
-2.0 dB Max @ 100-250 MHz
 - 6. Return Loss: -16 dB Min @ 1 ≤ f ≤ 40 MHz
-16+10log(f/40) dB Min @ 40 < f ≤ 250 MHz, where f is in MHz
 - 7. Cross Talk: -30 dB Typ @ 1-250 MHz
 - 8. Common Mode Rejection Ratio: -30 dB Typ @ 1-250 MHz
 - 9. Isolation Hipot: 1500VAC 1mA 60S
 - 10. Operating temperature 0°C to +70°C
 - 11. Storage temperature -40°C to +85°C

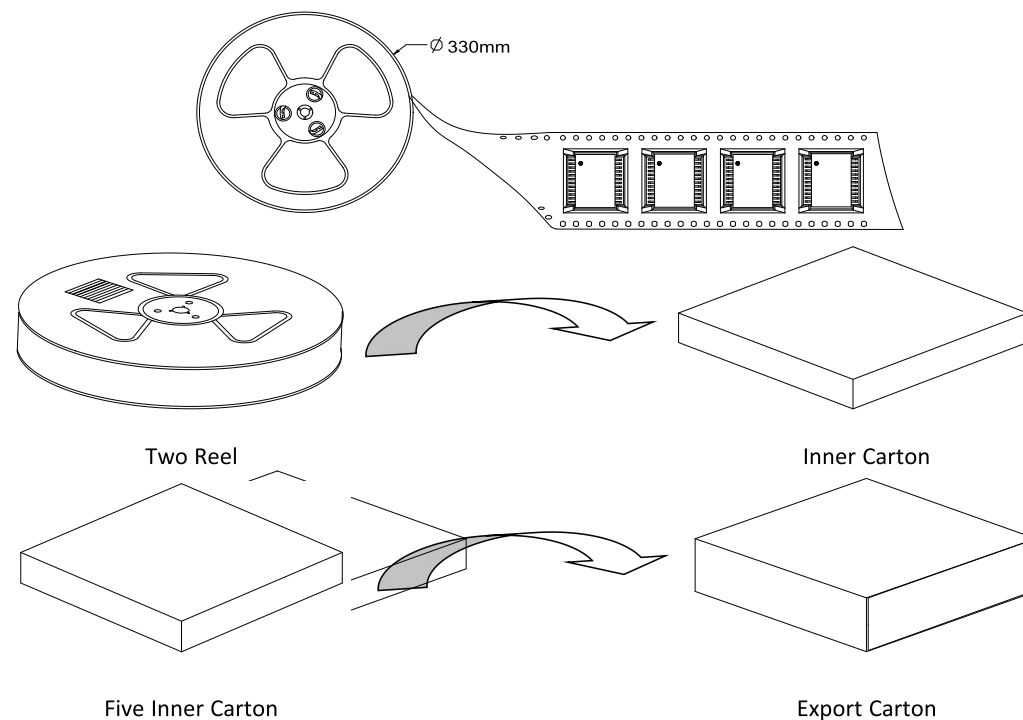
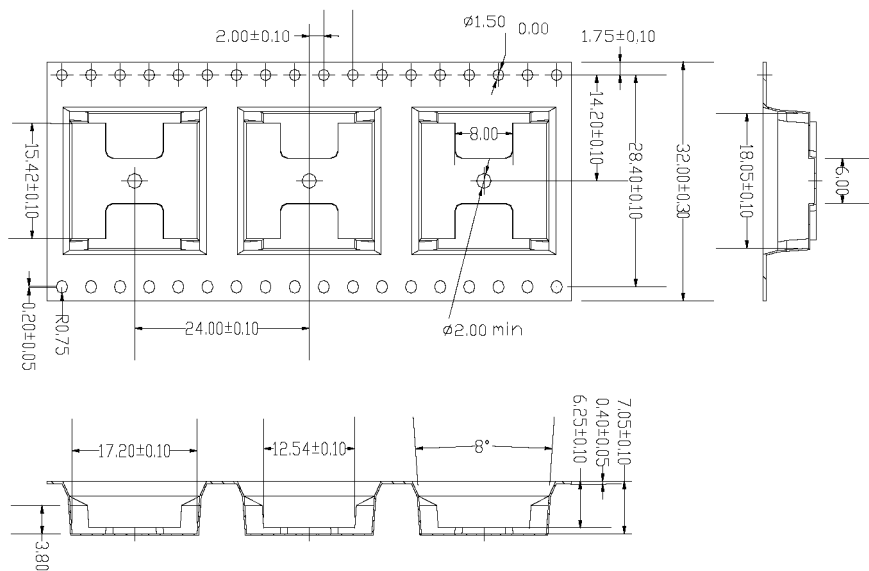
D. RECOMMEND REFLOW SOLDERING CURVE



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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		PART NO.: WHSQ24702G	SACLE 1:1	REV A0	.xx±0.35	x°±3.0°	CHECKED BY:
		REMARK:	SHEET 2/3		.xx±0.25	.xx°±1.5°	DESIGND BY:
					.xxx±0.10	.xxx°±1.0°	Sunny.Xu

E. Packaging specification



Package Quantity:

One Reel=350Pcs

One Inner Carton=350*2=700Pcs

One Export Carton=700*5=3500Pcs

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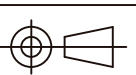
SIZE
A4

SACLE
1:1

SHEET
3/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

$x \pm 0.35$
 $.x \pm 0.30$

$.xx \pm 0.25$
 $.xxx \pm 0.10$

$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$

$.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

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