

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHSQ24702G

Version No.:

V0.1

Description:

2.5G/5G

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

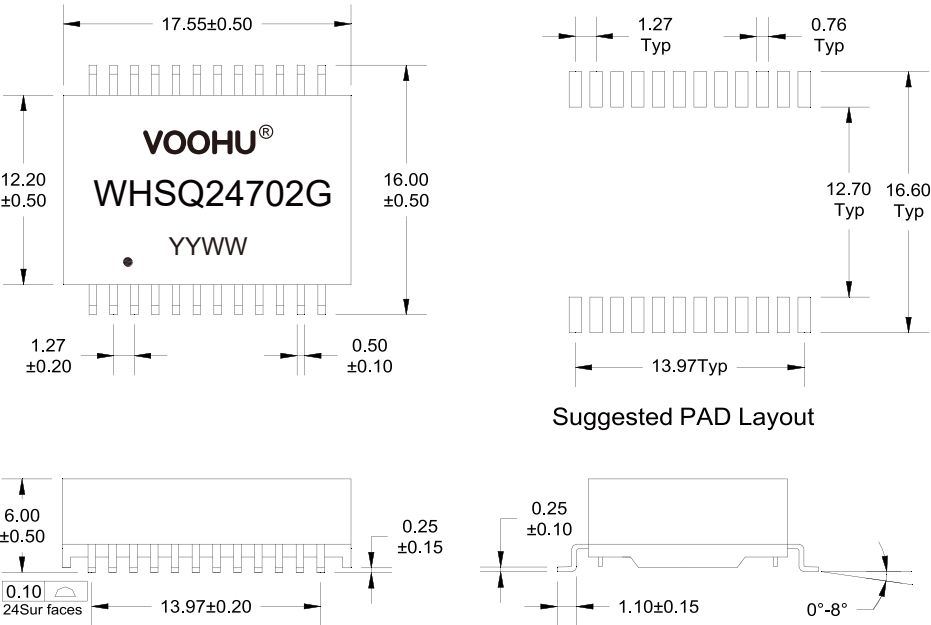
—— 连接世界 · 通信未来 ——

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

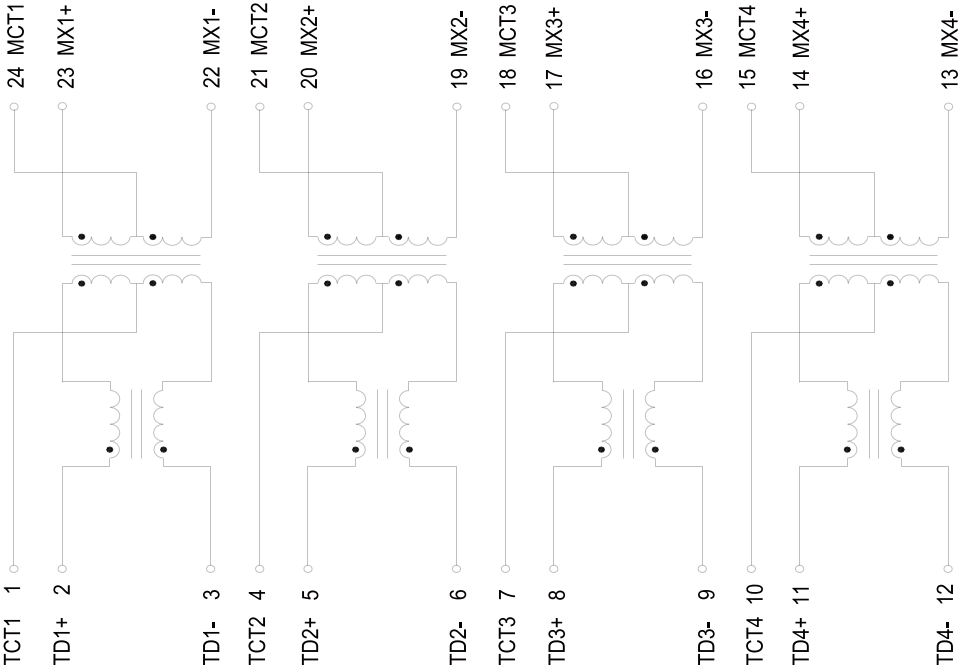
地址：江苏省苏州市吴江区阿尔法大厦A栋
ADD: Building A, Alpha Building, Wujiang District,
Suzhou City, Jiangsu Province

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

A. MECHANICAL(unit:mm)



B. Schematics



VOOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

TITLE:
2.5G/5G

PART NO.:
WHSQ24702G

REMARK:

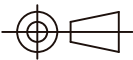
SIZE
A4

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

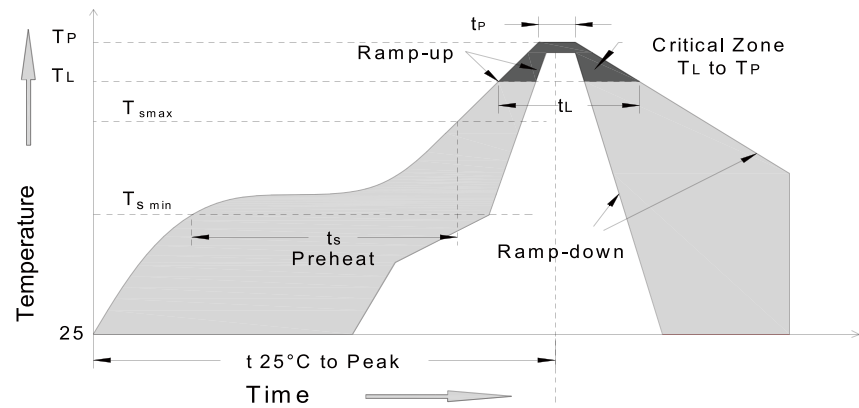
CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

C. ELECTRICAL SPECIFICATIONS @25°C

- Unless Otherwise Specified, Testing is Performed at 25°C ± 5°C
- 1. OCL: 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

VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: 2.5G/5G	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°	.x°±2.0°	CHECKED BY: Elvis.Song
TEL: +86 400 1048 018	WEB: WWW.WOHU-TEK.COM	REMARK:	SHEET 2/3		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
					.xxx±0.10	.xxx°±1.0°	

Technical drawing of a three-chambered metal structure, showing top, side, and cross-sectional views with dimensions and tolerances.

Top View Dimensions:

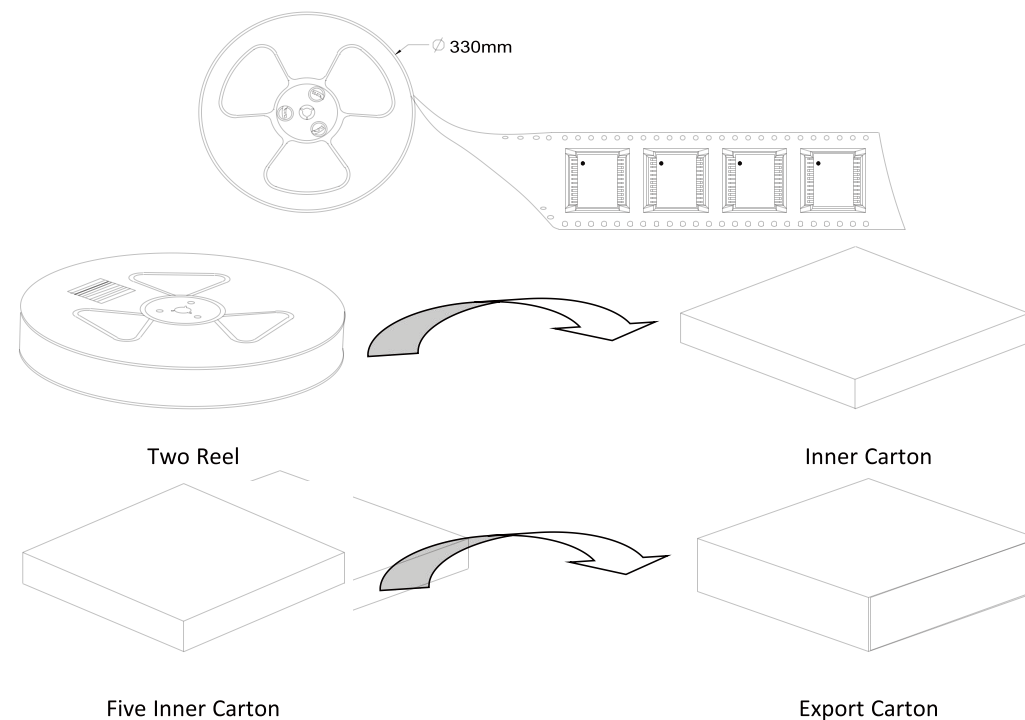
- Overall width: 32.00 ± 0.30
- Overall height: 18.05 ± 0.10
- Distance between chamber centers: 24.00 ± 0.10
- Distance from left edge to first chamber center: 15.42 ± 0.10
- Distance from right edge to last chamber center: 17.20 ± 0.10
- Distance from left edge to first chamber side: 2.00 ± 0.10
- Distance from right edge to last chamber side: 1.75 ± 0.10
- Distance from bottom edge to first chamber bottom: 0.20 ± 0.05
- Distance from bottom edge to last chamber bottom: 0.20 ± 0.05
- Radius of bottom corner: $R0.75$
- Inner width of chamber: 8.00
- Inner height of chamber: 14.20 ± 0.10
- Overall height of chamber: 28.40 ± 0.10
- Distance from top edge to first chamber top: 0.00
- Distance from top edge to last chamber top: 0.00
- Distance from top edge to first chamber side: $\phi 1.50$
- Distance from top edge to last chamber side: $\phi 1.50$
- Distance from top edge to first chamber bottom: $\phi 2.00 \text{ min}$
- Distance from top edge to last chamber bottom: $\phi 2.00 \text{ min}$

Side View Dimensions:

- Overall width: 6.00
- Overall height: 18.05 ± 0.10

Cross-sectional View Dimensions:

- Overall width: 17.20 ± 0.10
- Overall height: 12.54 ± 0.10
- Angle: 8°
- Distance from top edge to first chamber top: 7.05 ± 0.10
- Distance from top edge to last chamber top: 0.40 ± 0.05
- Distance from top edge to first chamber side: 6.25 ± 0.10
- Distance from top edge to last chamber side: 6.25 ± 0.10
- Distance from top edge to first chamber bottom: 3.80
- Distance from top edge to last chamber bottom: 3.80



One Reel=350Pcs
One Inner Carton=350*2=700Pcs
One Export Carton=700*5=3500Pcs

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TEL: +86 400 1048 018	WEB: WWW.WOHU-TEK.COM	REMARK:	SHEET 3/3		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: Sunny.Xu