

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHSQ48002G

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

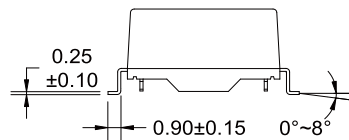
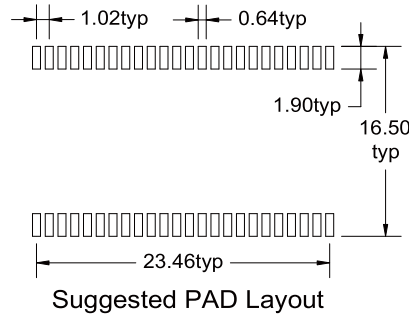
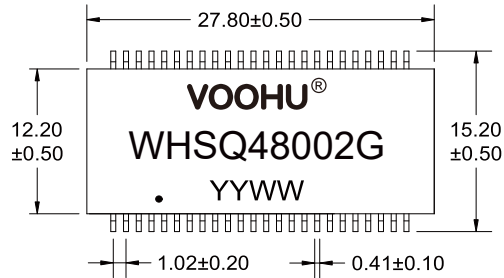
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苏州沃虎电子科技有限公司
SuZhou Voohu Electronic Tech.Co.,Ltd

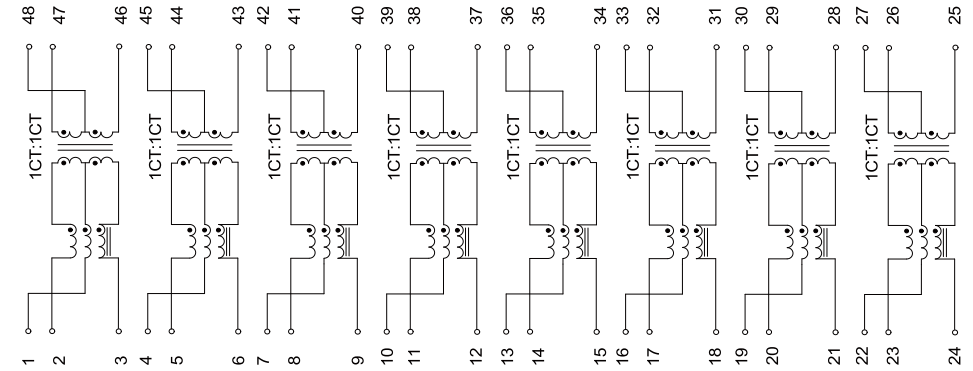
地址：江苏省苏州市吴江区阿尔法大厦A栋
ADD: Building A, Alpha Building, Wujiang District,
Suzhou City, Jiangsu Province

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

A. MECHANICAL(unit:mm)



B. SCHEMATICS



C. ELECTRICAL SPECIFICATIONS @25℃

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

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℃ to +70℃
11. Storage temperature -40℃ to +85℃

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.:
WHSQ48002G

SACLE
1:1

REV
A0

x±0.35
.x±0.30

x°±3.0°
.x°±2.0°

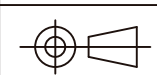
CHECKED BY:
Elvis.Song

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

REMARK:

SHEET
1/2

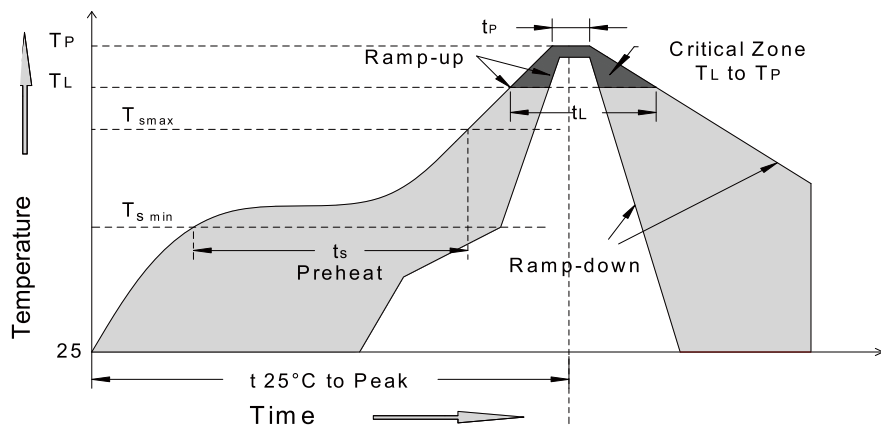


.xx±0.25
.xxx±0.10

.xx°±1.5°
.xxx°±1.0°

DESIGND BY:
Sunny.Xu

D. RECOMMEND REFLOW SOLDERING CURVE



MSL:

Grade: 1 level. Floor life: 0.5 year Condition: $\leq 30^\circ C/60\%RH$.

Ramp up rate= $3^\circ C/s$ max Ramp down rate= $6^\circ C/s$ max

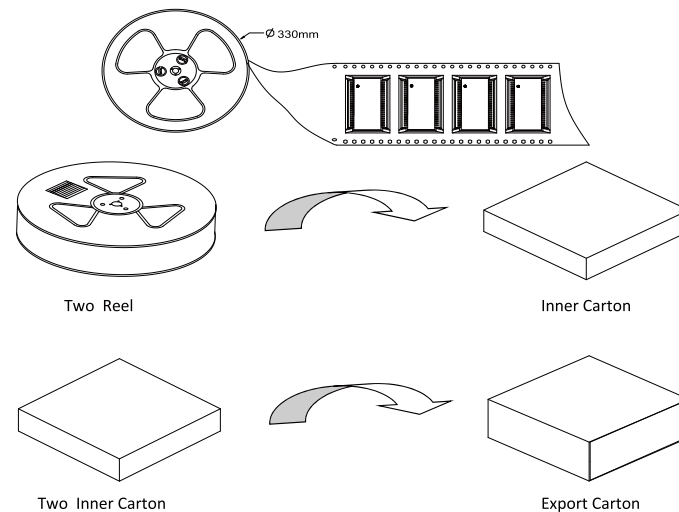
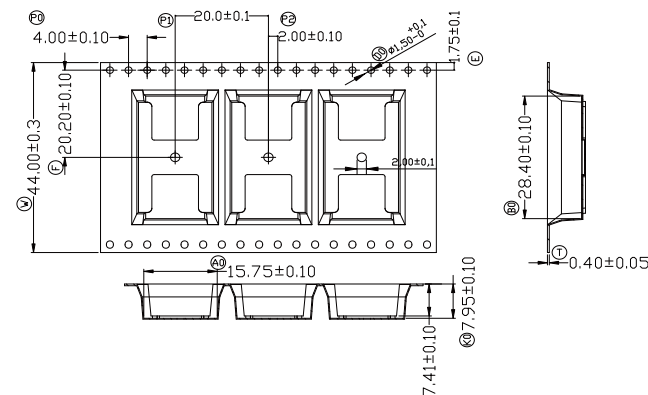
$T_L=217^\circ C$ $t_L=60s-150s$ $T_P=250+/-3^\circ C$ Time within $5^\circ C$ of actual Peak Temperature

(t_P): 20~40s

$T_{s\ min}=150^\circ C$ $T_{s\ max}=200^\circ C$ $T_{s\ min}$ to $T_{s\ max}$: 60s-180s, $25^\circ C$ to peak Temperature:

8minutes max

E. PACKAGE INFORMATION



Package Quantity:

One Reel=350Pcs

One Inner Carton=350*2=700Pcs

One Export Carton=700*2=1400Pcs

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REMARK:

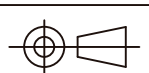
SIZE
A4

SACLE
1:1

SHEET
2/2

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

$x \pm 0.35$
 $.x \pm 0.30$
 $.xx \pm 0.25$
 $.xxx \pm 0.10$

$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$
 $.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

APPROVED BY:
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CHECKED BY:
Elvis.Song

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