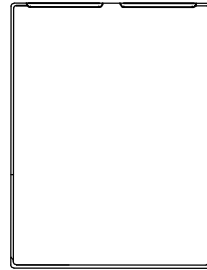


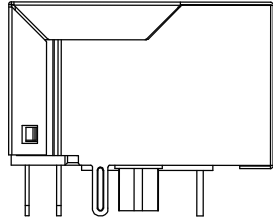
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REACH & RoHS
COMPLIANT

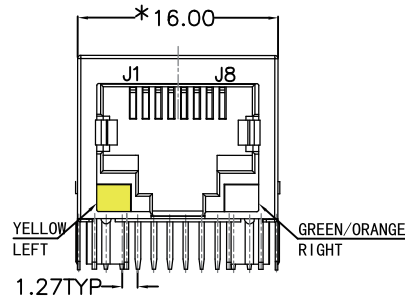
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	Sunny.Xu	2017.11.13



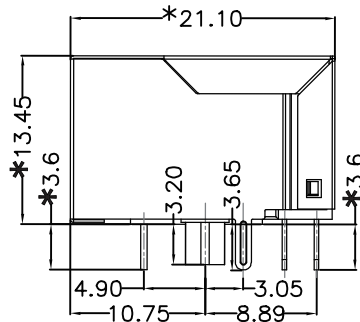
TOP VIEW



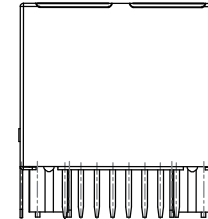
LEFT SIDE VIEW



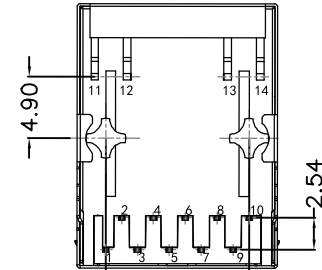
FRONT VIEW



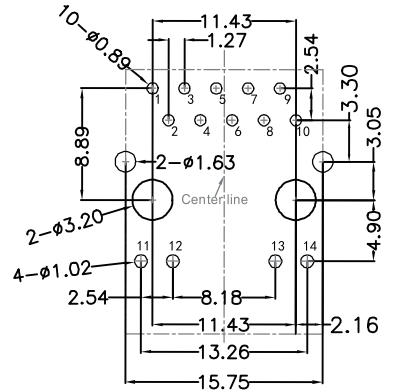
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING : PBT,UL94V-0,BLACK.
TERMINALS BRACKET: PBT,UL94V-0,BLACK.
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
30U" GOLD PLATING ON CONTACT AREA.
SALT SPRAY : 48H

MECHANICAL:

DURABILITY : 750 CYCLES MIN.
MATING FORCE : 23N MAX.
OPERATING TEMPERATURE: -40°C~+85°C.
STORAGE TEMPERATURE: -40°C~+85°C.
ALL CRITICAL DIMENSIONS WITH "*"

盐雾48H

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

TITLE:
TAB-DOWN 1X1 1000BASE

PART NO.:
SYT111Q106BH14A1DBY4

REMARK:

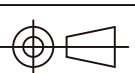
SIZE
A4

SCALE
1:1

SHEET
1/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

$x \pm 0.35$	$x^\circ \pm 3.0^\circ$
$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$
$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$
$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$

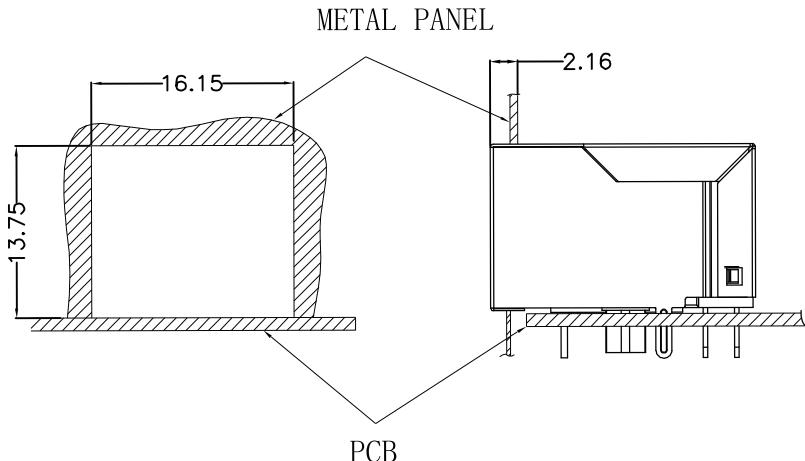
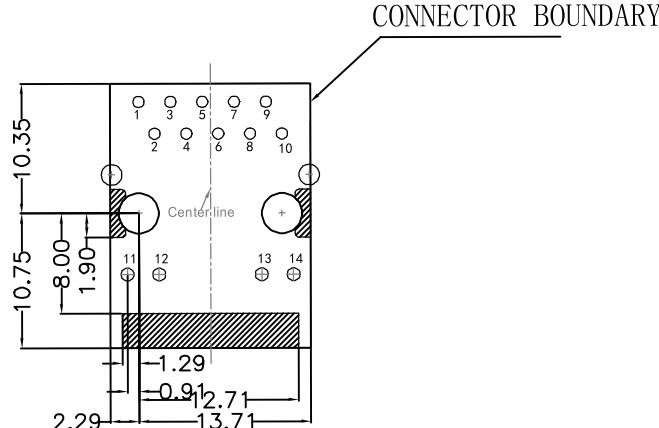
APPROVED BY:
Geoffrey.Song

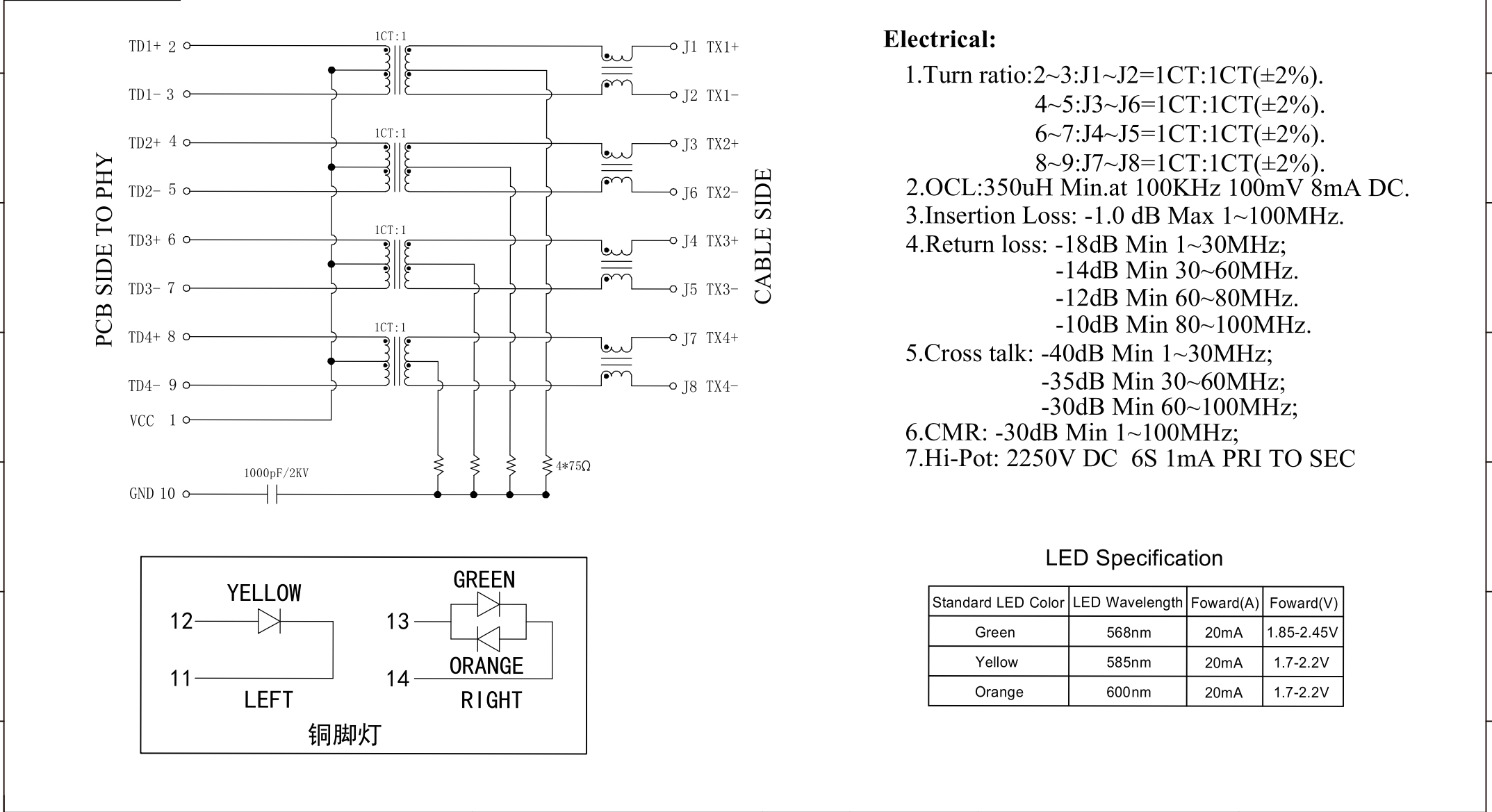
CHECKED BY:
Elvis.Song

DESIGNED BY:
Sunny.Xu

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

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REACH & RoHS COMPLIANT				RECOMMENDED PANEL CUTOUT (REFERENCE ONLY):  UNIT: MM / INCH TOLERANCES: ±0.10 / 0.004 REFERENCE ONLY								REV. ECN / DESCRIPTION BY DATE A0 NEW Sunny.Xu 2017.11.13			
KEEP-OUT AREA (COMPONENT SIDE VIEW):  PLUG-IN SIDE UNIT: MM / INCH TOLERANCES: ±0.10 / 0.004															
 苏州沃虎电子科技有限公司 Su Zhou VooHu Electronic Tech.Co.Ltd				TITLE: TAB-DOWN 1X1 1000BASE		SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song					
TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM				PART NO.: SYT111Q106BH14A1DBY4		SCALE 1:1	REV A0	.x±0.35	.x°±3.0°	CHECKED BY: Elvis.Song					
				REMARK:		SHEET 2/4		.xx±0.25	.xx°±1.5°	DESIGNED BY: Sunny.Xu					
								.xxx±0.10	.xxx°±1.0°						



Electrical:

1.Turn ratio:2~3:J1~J2=1CT:1CT(±2%).
4~5:J3~J6=1CT:1CT(±2%).
6~7:J4~J5=1CT:1CT(±2%).
8~9:J7~J8=1CT:1CT(±2%).

2.OCL:350uH Min.at 100KHz 100mV 8mA DC.

3.Insertion Loss: -1.0 dB Max 1~100MHz.

4.Return loss: -18dB Min 1~30MHz;
-14dB Min 30~60MHz.
-12dB Min 60~80MHz.
-10dB Min 80~100MHz.

5.Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;

6.CMR: -30dB Min 1~100MHz;

7.Hi-Pot: 2250V DC 6S 1mA PRI TO SEC

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V
Orange	600nm	20mA	1.7-2.2V

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A

B

C

D

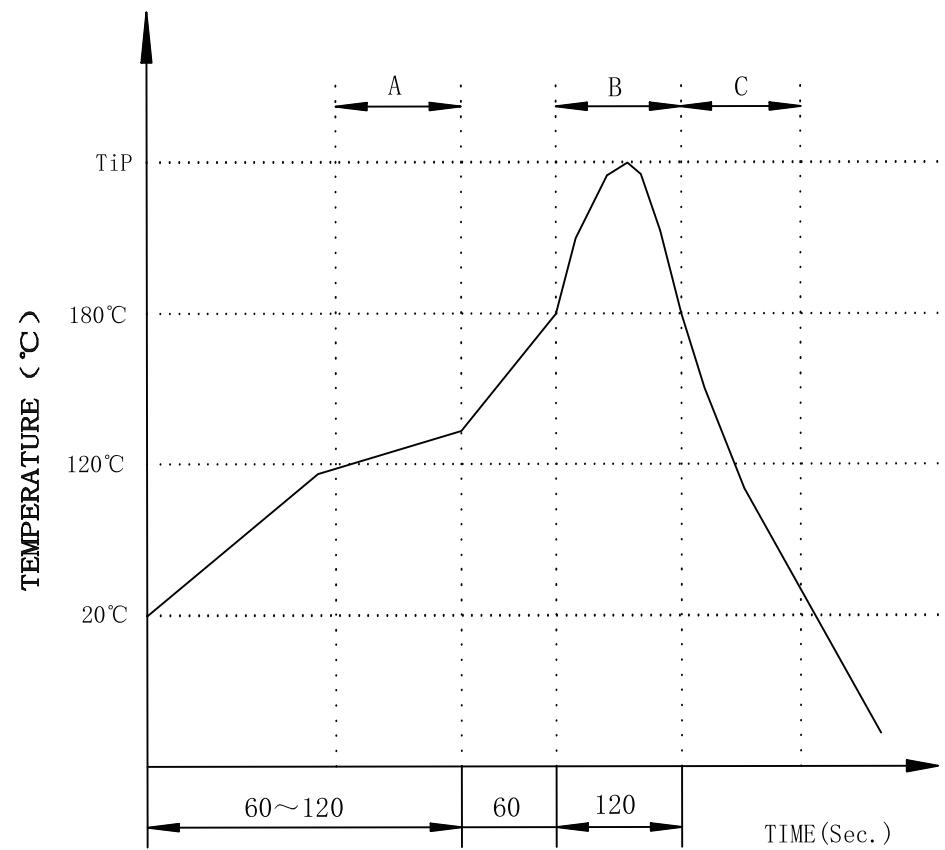
E

F

G

H

PROFILE OF WAVE SOLDER



A.Preheating B.Soldering C.Gradual Cooling
Tip temperature:260±5°C.
Tip temperature time:5Sec Max.
Tip melting point of Sn96.5/Ag3/Cu0.5:217°C.

Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.

VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: TAB-DOWN 1X1 1000BASE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: SYT111Q106BH14A1DBY4	SCALE 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 4/4		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGNED BY: Sunny.Xu