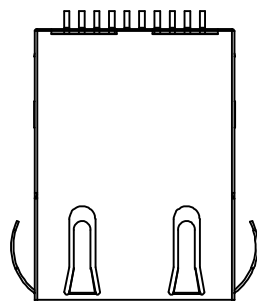
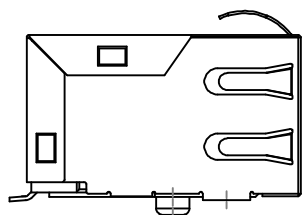


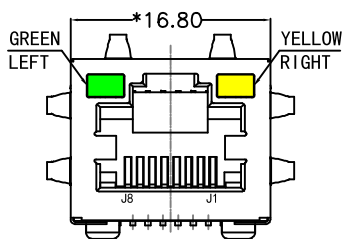
REACH & RoHS
COMPLIANT



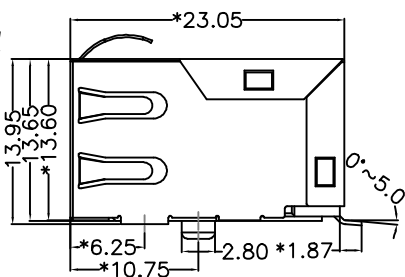
TOP VIEW



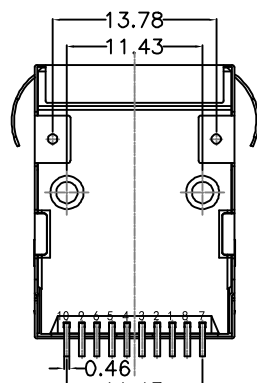
LEFT SIDE VIEW



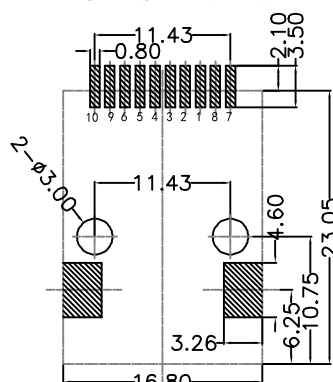
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING: LCP,UL94V-0,BLACK.

TERMINALS BRACKET: LCP,UL94V-0,BLACK.

SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.

TERMINAL: PHOSPHOR BRONZE C5191,T=0.35MM,

6U" GOLD PLATING ON CONTACT AREA.

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 "*"

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

TITLE:
TAB-UP SMT 100BASE

PART NO.:
SYT911B031DB2A7S057

REMARK:

SIZE
A4

SCALE
1:1

SHEET
1/4



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:
Geoffrey.Song

CHECKED BY:
Elvis.Song

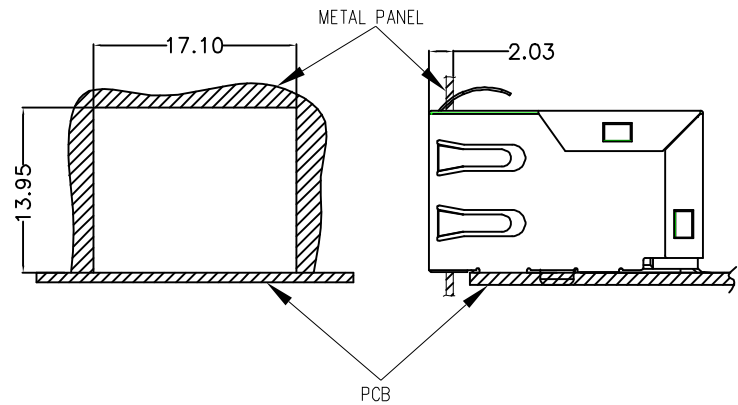
DESIGNED BY:
Sunny.Xu

TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

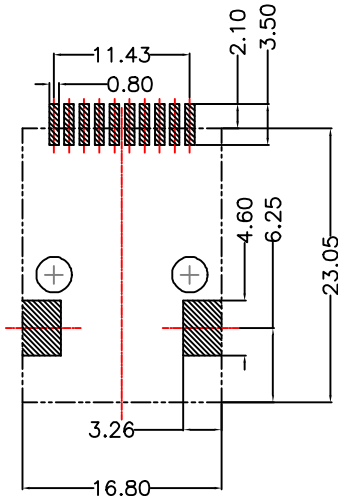
REACH & RoHS
COMPLIANT

Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

Recommended PWB Layout (Component Side View):



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

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TITLE:
TAB-UP SMT 100BASE

PART NO.:
SYT911B031DB2A7S057

REMARK:

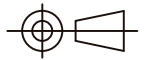
SIZE
A4

SCALE
1:1

SHEET
2/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

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

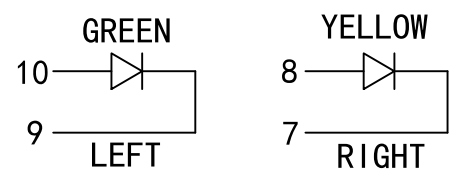
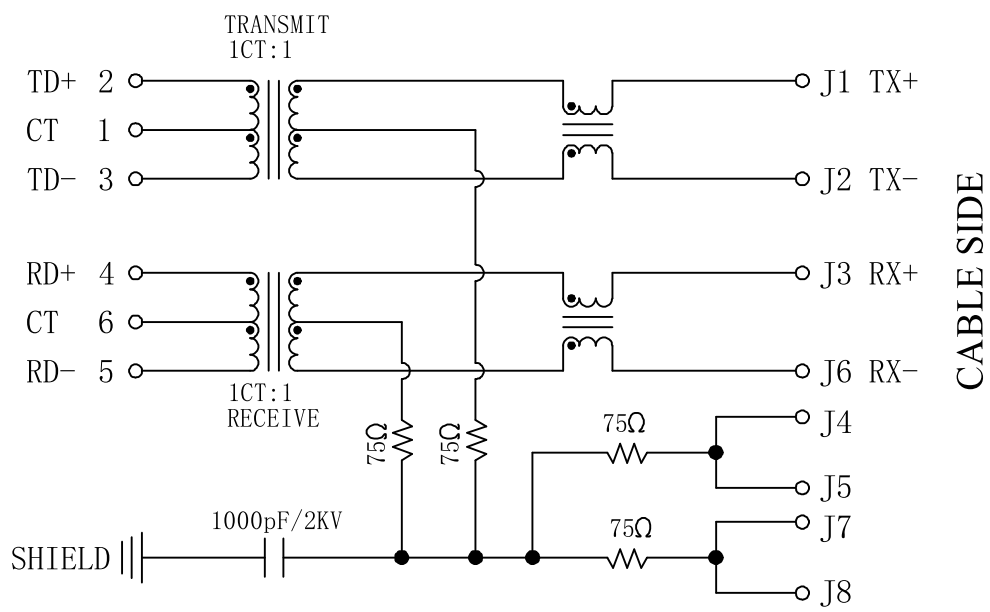
APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGNED BY:
Sunny.Xu

REACH & RoHS
COMPLIANT

PCB SIDE TO PHY



Electrical:

- 1.Turn ratio:1~2:J1~J2=1CT:1CT(±2%).
5~6:J3~J6=1CT:1CT(±2%).
- 2.OCL:350uH Min.at 100KHz 100mV 8mA DC.
- 3.Insertion Loss: -1.2 dB Max 1~100MHz.
- 4.Return loss: -16dB Min 1~30MHz;
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
- 5.Cross talk: -30dB Min 1~100MHz;
- 6.CMR: -30dB Min 1~100MHz;
- 7.Hi-Pot:1500V AC & 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

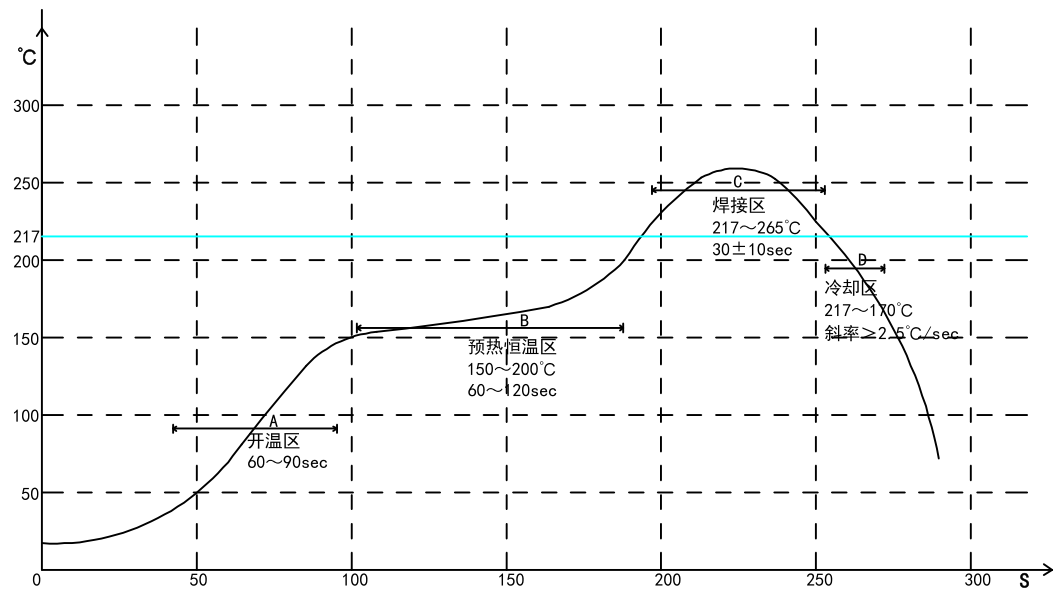
REMARK:	TITLE: TAB-UP SMT 100BASE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: SYT911B031DB2A7S057	SCALE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
		SHEET 3/4		.xx±0.25	.xx°±1.5°	DESIGNED BY: Sunny.Xu
				.xxx±0.10	.xxx°±1.0°	

**苏州沃虎电子科技有限公司**
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REACH & RoHS
COMPLIANT

PROFILE OF REFLOW SOLDERING



A. Temperature range of open
B. Preheat temperature zone
C. The welding zone
D. The cooling zone
Tip temperature: 265±5°C.
Tip temperature time: 30±10Sec.
Tip melting point of Sn96.5/Ag3/Cu0.5.

VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE: TAB-UP SMT 100BASE		SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: SYT911B031DB2A7S057		SCALE 1:1	REV A0	.xx±0.35	x°±3.0°	CHECKED BY: Elvis.Song
	REMARK:		SHEET 4/4		.xx±0.25	.xx°±1.5°	DESIGNED BY: Sunny.Xu
TEL: +86 400 1048 018	WEB: WWW.VOOHU.CN				.xxx±0.10	.xxx°±1.0°	