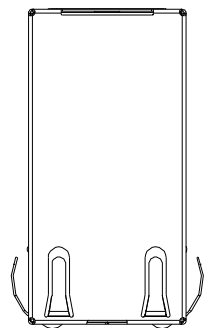
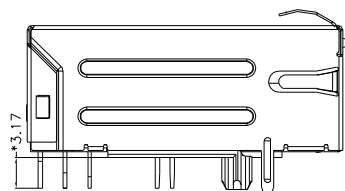


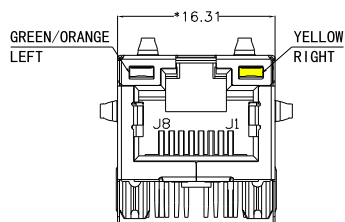
REACH & RoHS
COMPLIANT



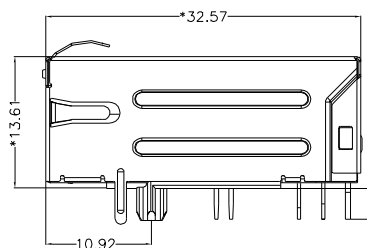
TOP VIEW



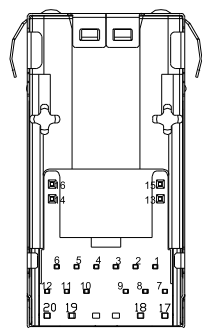
LEFT SIDE VIEW



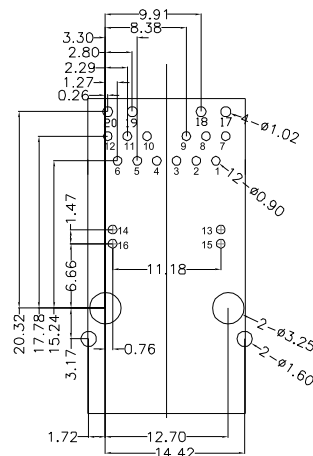
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING: PA66,UL94V-0,BLACK.

TERMINALS BRACKET: PA66,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 "*"

TITLE:
TAB-UP 1X1 2.5G POE+

PART NO.:
SYT411F570DF5A2DP359

REMARK:

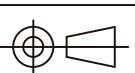
SIZE
A4

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

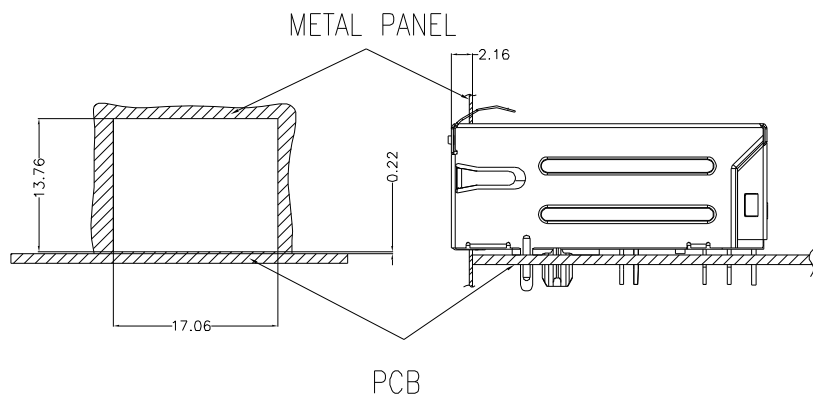
VOOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

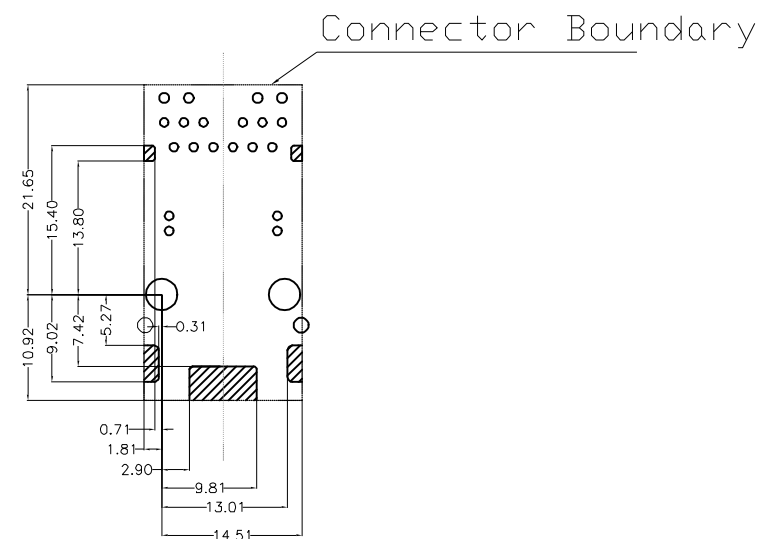
REACH & RoHS
COMPLIANT

Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

Keep-Out Area (Component Side View):



Plug-in side

UNIT: mm
Tolerances: ± 0.10



TITLE:	TAB-UP 1X1 2.5G POE+
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PART NO.:
SYT411F570DF5A2DP359

REMARK:

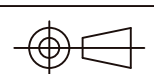
SIZE
A4

SCALE
1:1

SHEET
2/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

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

TOLERANCES SPECIFIED

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

APPROVED BY:
Geoffrey.Song

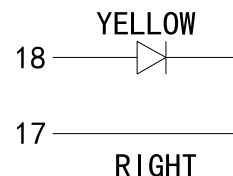
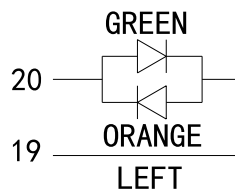
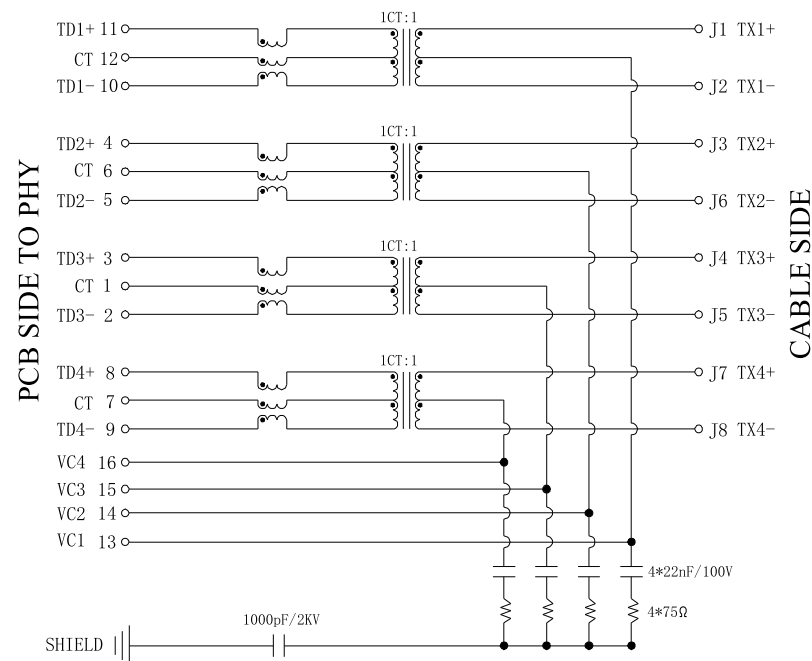
CHECKED BY:	Elvis Song
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DESIGNED BY:	Sunny Xu
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TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

REACH & RoHS
COMPLIANT



Electrical:

- Turn ratio: 11~10: J1~J2=1CT:1CT($\pm 2\%$).
4~5: J3~J6=1CT:1CT($\pm 2\%$).
3~2: J4~J5=1CT:1CT($\pm 2\%$).
8~9: J7~J8=1CT:1CT($\pm 2\%$).
- OCL: 180uH MIN @100KHZ, 0.1V WITH 8mA DC BIAS
- Insertion Loss: -1.0 dB Max 1~125MHz.
- Return loss: -16dB Min 1 ~ 40MHz;
-16+10LOG(f/40MHz) Min 40~200MHz.
- Cross talk: -30dB Min 1~125MHz.
- CMR: -30dB Min 30~200MHz;
- Hi-Pot: 1500 VRMS Min at 60 seconds
- Single port magnetic jack POE magnetics acc.
To IEEE802.3bt for PSE or PD applications.
- 100% of production tested to comply with
IEEE 802.3 isolation requirements balanced DC
line current 1000mA max. 57V DC continuous.

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	565nm	20mA	2.2-2.4V
Yellow	590nm	20mA	2.1-2.5V
Orange	605nm	20mA	2.0-2.5V

TITLE:
TAB-UP 1X1 2.5G POE+

PART NO.:
SYT411F570DF5A2DP359

REMARK:

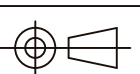
SIZE
A4

SCALE
1:1

SHEET
3/4

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

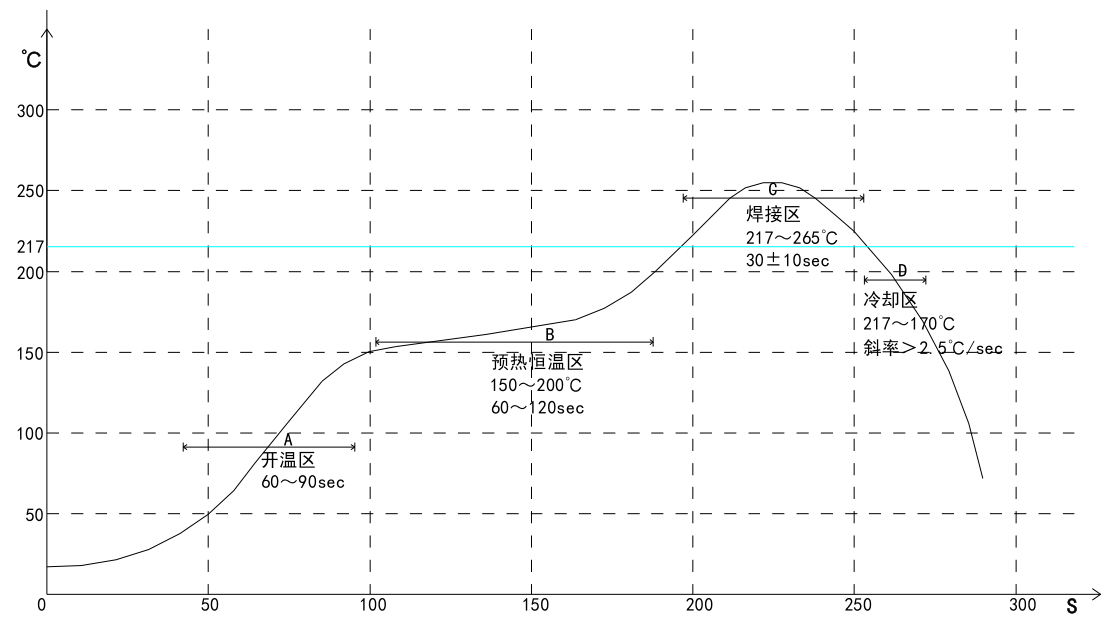
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REACH & RoHS
COMPLIANT

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.

A	 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: TAB-UP 1X1 2.5G POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
			PART NO.: SYT411F570DF5A2DP359	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.VOOHU.CN	REMARK:	SHEET 4/4		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGNED BY: Sunny.Xu