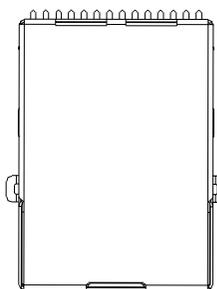
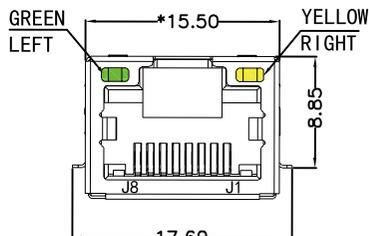


1 REACH & RoHS COMPLIANT

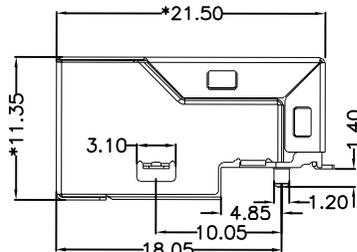
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REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	Sunny.Xu	2018.05.18



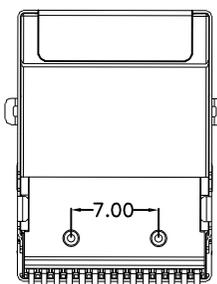
TOP VIEW



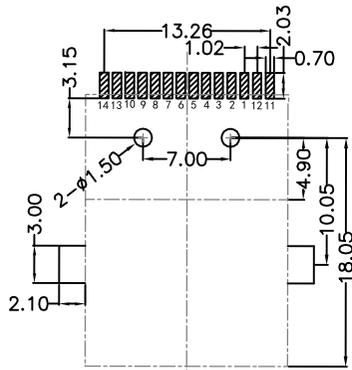
FRONT VIEW



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 1X1 2.5G贴片  
 PART NO.:  
 SYT211Q575AA2A7CBS2057

SIZE  
 A4  
 UNITS  
 MM[INCH]  
 SACLE  
 1:1  
 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

TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

REMARK:

SHEET  
 1/4

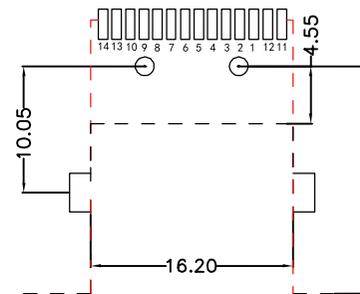
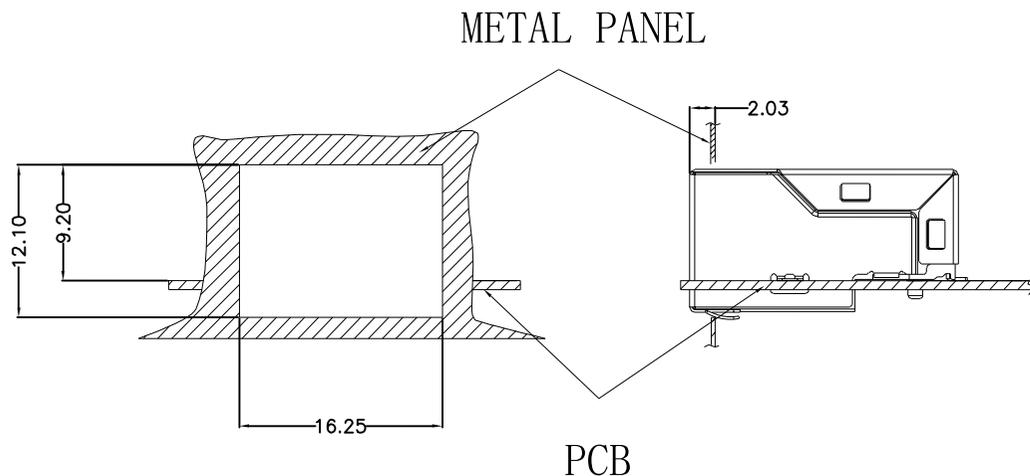


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COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
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Suggested Panel Opening:

Keep-Out Area (Component Side View):



UNIT: mm / inch  
Tolerances:  $\pm 0.10$  / 0.004

UNIT: mm / inch  
Tolerances:  $\pm 0.10$  / 0.004

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SACLE  
1:1

REV  
A0

$x \pm 0.35$   
 $.x \pm 0.30$

$x^\circ \pm 3.0^\circ$   
 $.x^\circ \pm 2.0^\circ$

CHECKED BY:  
Elvis.Song

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REMARK:

SHEET  
2/4



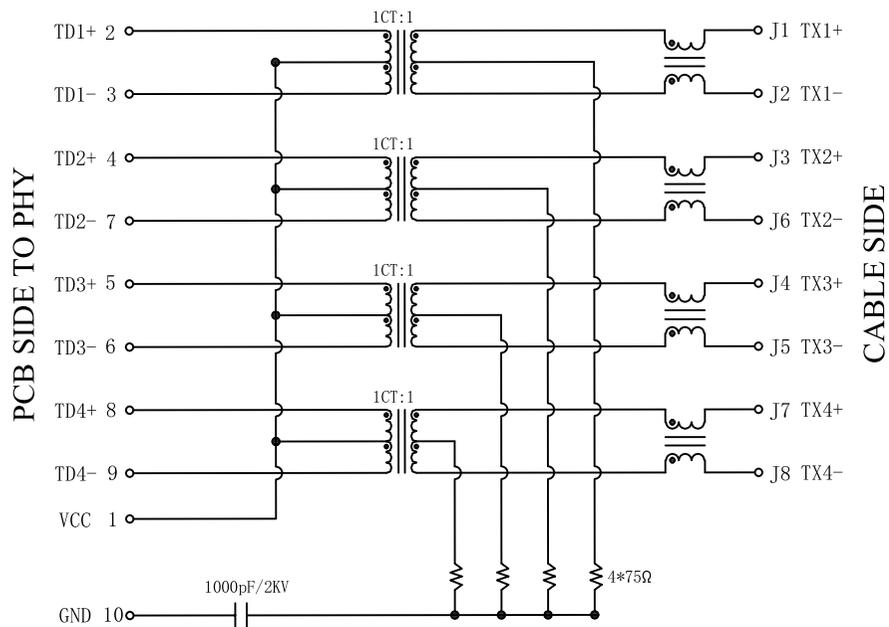
$.xx \pm 0.25$   
 $.xxx \pm 0.10$

$.xx^\circ \pm 1.5^\circ$   
 $.xxx^\circ \pm 1.0^\circ$

DESIGND BY:  
Sunny.Xu

REACH & RoHS  
COMPLIANT

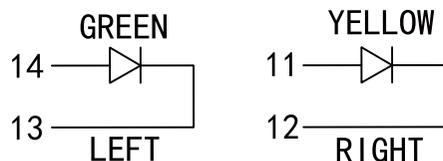
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**Electrical:**

- Turn ratio: 2~3: J1~J2=1CT:1CT(±2%).  
4~7: J3~J6=1CT:1CT(±2%).  
5~6: J4~J5=1CT:1CT(±2%).  
8~9: J7~J8=1CT:1CT(±2%).
- OCL: 180 uH MIN @ 100 KHz, 100 mV
- Insertion Loss: -0.5 dB Max 1~50MHz.  
-1.0 dB Max 50~125MHz.  
-2.0 dB Max 125~250MHz.
- Return loss: -20dB Min 1 ~ 40MHz;  
-16+10LOG<sub>10</sub>(f/40MHz) Min 40~250MHz.
- Reflected CM to DIFF Conversion (REF):  
-30dB MAX 1MHz~50MHz  
-27dB MAX 50MHz~100MHz  
-24dB MAX 100MHz~200MHz
- Reflected DIFF to CM Conversion (REF):  
-48 dB MIN 1MHz TO 10MHz  
-48+19LOG(Freq MHz/10MHz) dB MIN 10 MHz TO 200 MHz
- Cross talk: -35dB Min 1~40MHz;  
-35+15log(Freq MHz/40MHz)dB MIN 40MHz TO 125MHz
- CMR: -25dB Min 1~200MHz;
- Hi-Pot: 2250VDC MIN AT 60 SECONDS

**LED Specification**



Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	2.2-2.4V
Yellow	590nm	20mA	2.1-2.5V

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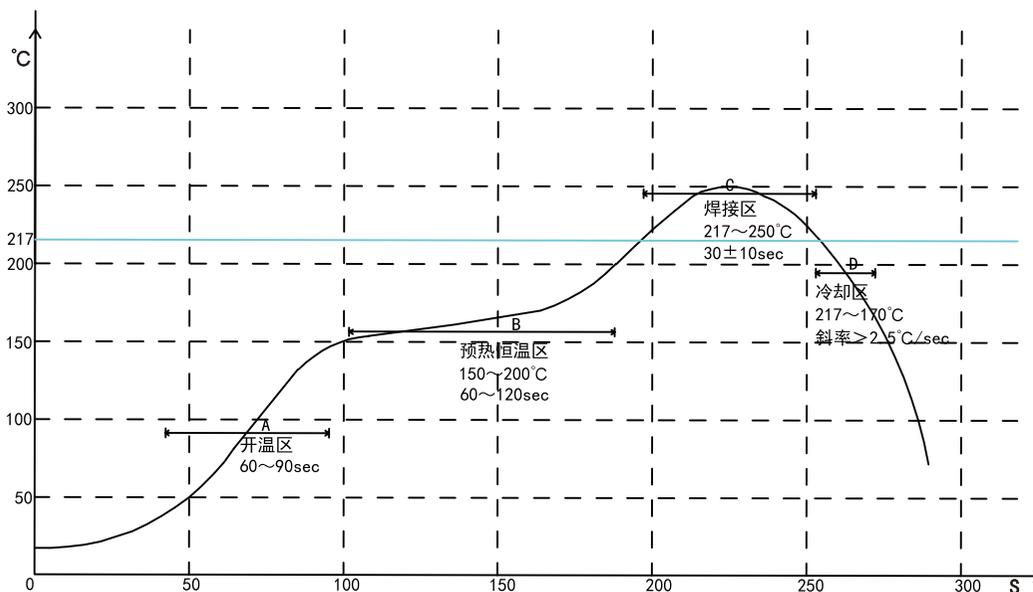
SHEET  
3/4



REACH & RoHS  
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	Sunny.Xu	2018.05.18

# 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.

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**PART NO.:**  
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**UNITS**  
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**SACLE**  
 1:1

**REV**  
 A0

**SHEET**  
 4/4

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**REMARK:**

