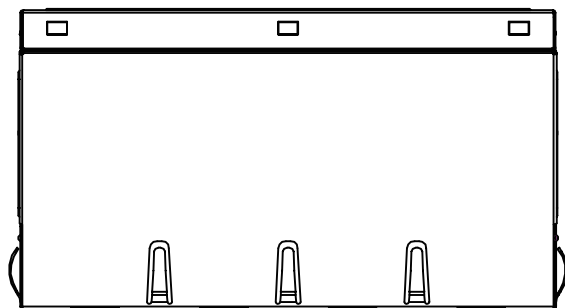
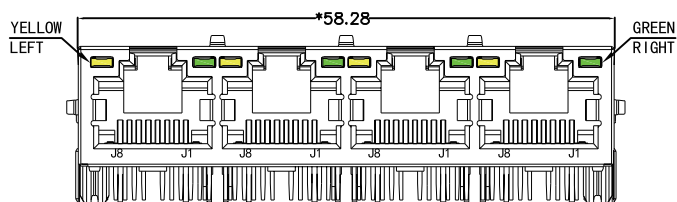


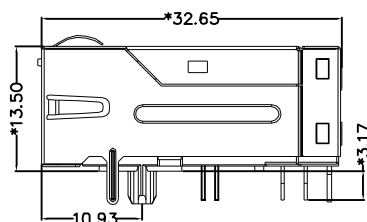
REACH & RoHS  
COMPLIANT



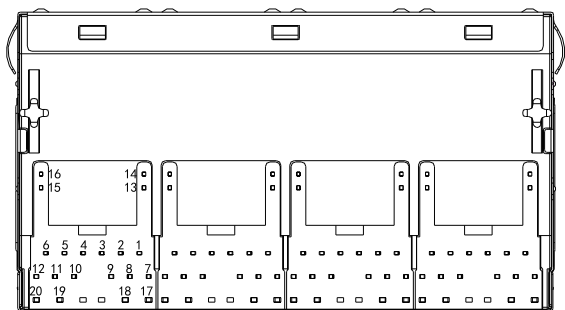
TOP VIEW



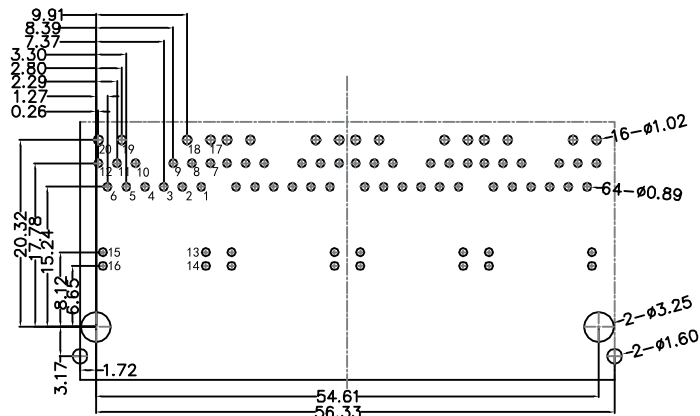
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE

**MATERIAL:**

HOUSING: PA66,UL94V-0,BLACK.  
TERMINALS BRACKET: PBT,UL94V-0,BLACK.  
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.  
TERMINAL: PHOSPHOR BRONZE C5191,T=0.35MM,  
30U" 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 1X4 5G

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
SYT414Q200DB1A2DC057 (5G)

SACLE  
1:1

REV  
A0

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

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

CHECKED BY:  
Elvis.Song  
DESIGND BY:  
Sunny.Xu

TEL: +86 400 1048 018

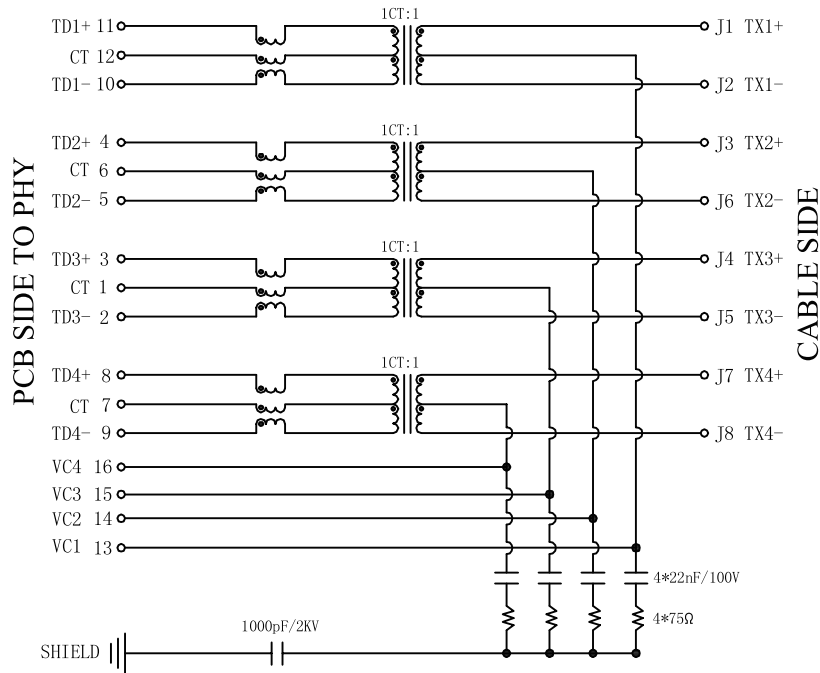
WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

REMARK:

SHEET  
1/3

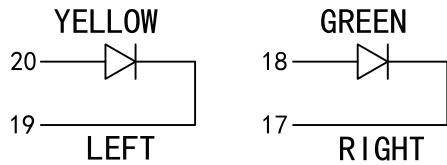


REACH & RoHS COMPLIANT



**Electrical:**

- Turn ratio: 11~10: J1~J2=1CT:1CT(±2%).  
4~5: J3~J6=1CT:1CT(±2%).  
3~2: J4~J5=1CT:1CT(±2%).  
8~9: J7~J8=1CT:1CT(±2%).
- OCL: 120uH Min. @ 100KHz 0.1V.
- Insertion Loss: -0.5 dB Min. 1~50MHz.  
-1.2 dB Min. 50~125MHz.  
-2 dB Min. 125~250MHz.
- Return loss: -16dB Min 1~40MHz;  
16+10LOG10(f/40)40<f≤250dB 40~250MHz.
- CMR: -30dB Min 1~40MHz;  
-28dB Min 40~100MHz;  
-26dB Min 100~500MHz;
- Common talk: -30dB Min 1~250MHz;
- 100% of production tested to comply with IEEE 802.3 isolation requirements balanced DC line current 720mA max. 57V DC continuous.
- Input-output isolation: 2250V DC Minimum for 60S



**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

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Su Zhou Voohu Electronic Tech.Co.Ltd

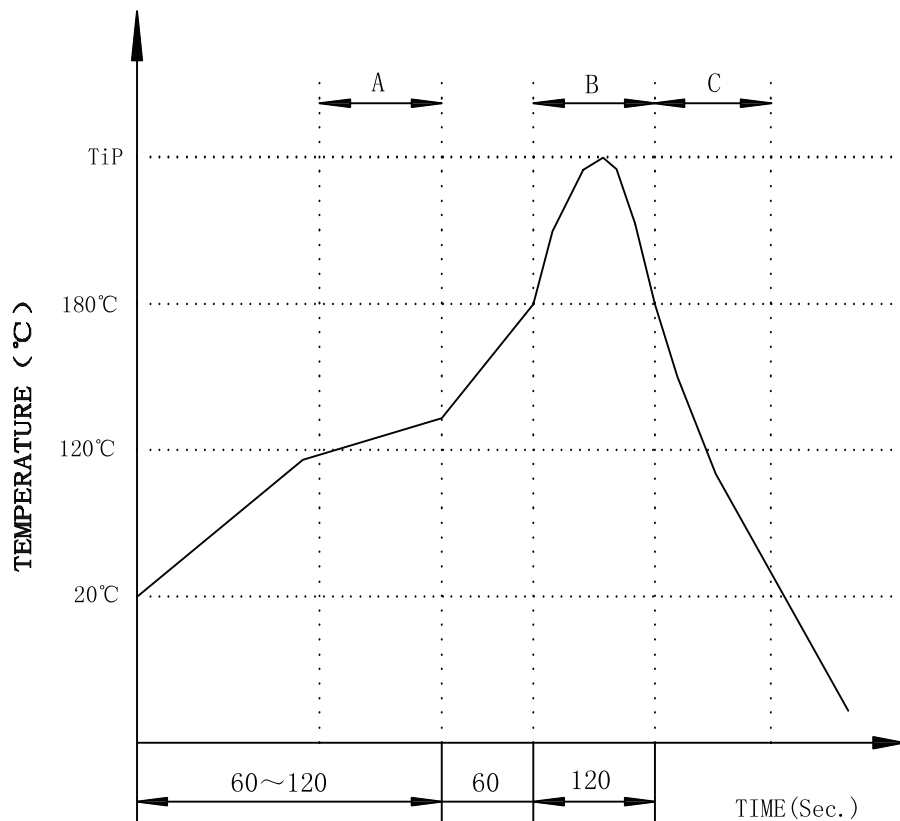
TITLE: TAB-UP 1X4 5G	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
PART NO.: SYT414Q200DB1A2DC057 (5G)	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
			.x±0.30	.x°±2.0°	
REMARK:	SHEET 2/3		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
			.xxx±0.10	.xxx°±1.0°	

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

REACH & RoHS  
COMPLIANT

# 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.

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 Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE:  
TAB-UP 1X4 5G  
 PART NO.:  
SYT414Q200DB1A2DC057 (5G)  
 REMARK:

SIZE  
A4  
 UNITS  
MM[INCH]  
 SACLE  
1:1  
 SHEET  
3/3

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

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