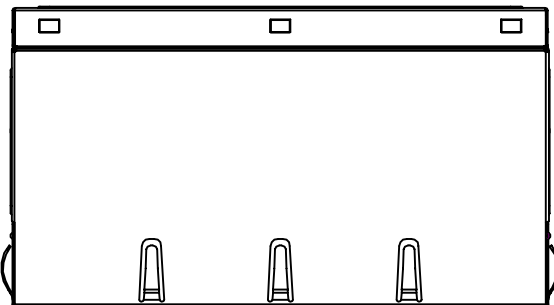


REACH & RoHS  
COMPLIANT

| REV. | ECN / DESCRIPTION        | BY    | DATE       |
|------|--------------------------|-------|------------|
| A0   | NEW                      | MQ.Qu | 2018.05.03 |
| A1   | Terminal Material Change | ZG.Hu | 2020.08.05 |



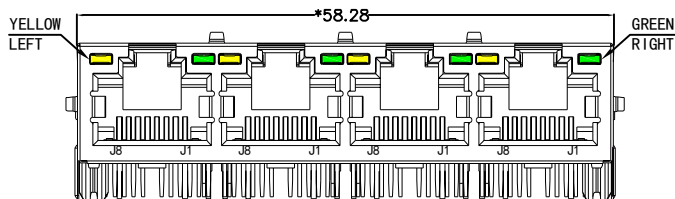
TOP VIEW

**MATERIAL:**

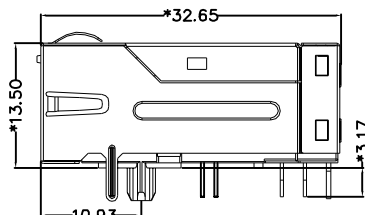
HOUSING: PA66,UL94V-0,BLACK.  
 TERMINALS BRACKET: PBT,UL94V-0,BLACK.  
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.  
 TERMINAL: PHOSPHOR BRONZE C5191,T=0.35MM,  
 30U" GOLD PLATING ON CONTACT AREA.

**MECHANICAL:**

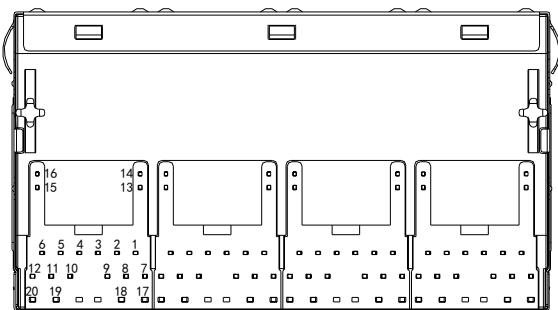
DURABILITY: 750 CYCLES MIN.  
 MATING FORCE: 23N MAX.  
 OPERATING TEMPERATURE: -40°C~+85°C.  
 STORAGE TEMPERATURE: -40°C~+85°C.  
 ALL CRITICAL DIMENSIONS WITH "\*"



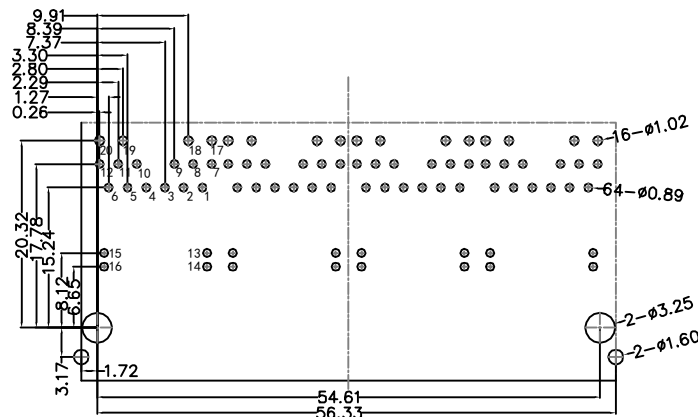
FRONT VIEW



RIGHT SIDE VIEW

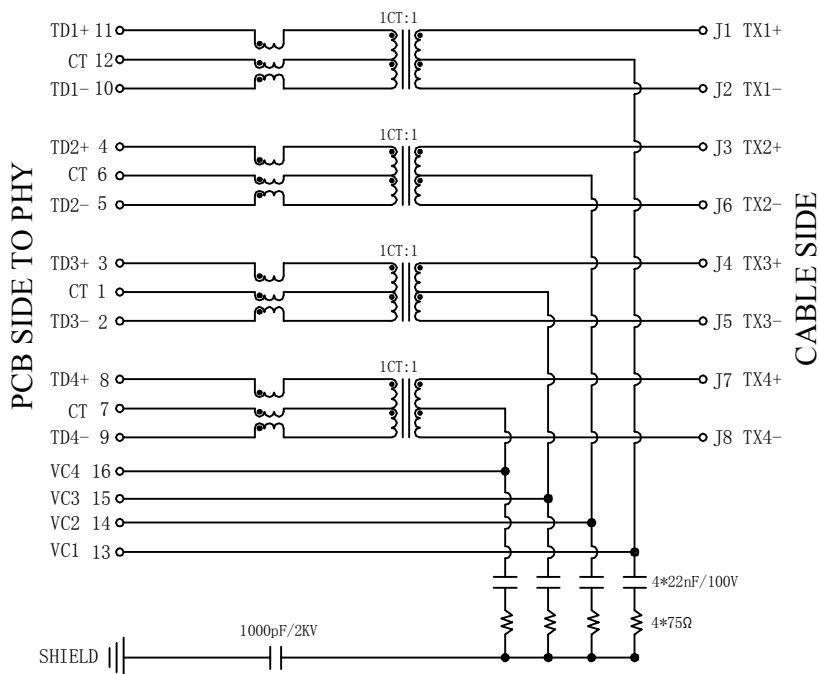


BOTTOM VIEW



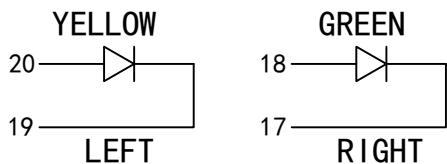
REACH & RoHS  
COMPLIANT

| REV. | ECN / DESCRIPTION        | BY    | DATE       |
|------|--------------------------|-------|------------|
| A0   | NEW                      | MQ.Qu | 2018.05.03 |
| A1   | Terminal Material Change | ZG.Hu | 2020.08.05 |



**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   |

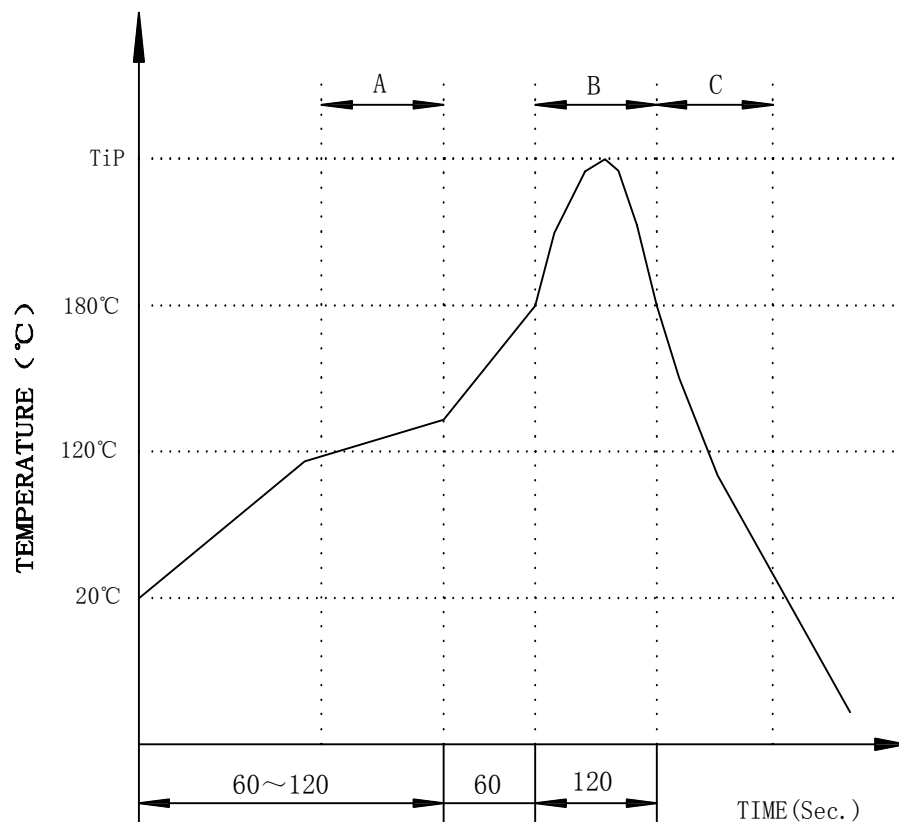
**WOHU** 苏州沃虎电子科技有限公司  
Su Zhou Wo Hu Electronic Tech.Co.,Ltd.

|  |              |                   |  |            |                         |
|--|--------------|-------------------|--|------------|-------------------------|
| TITLE:<br>TAB-UP 1X4 5G                | SIZE<br>A4   | UNITS<br>MM[INCH] | GENERAL TOLERANCES<br>UNLESS SPECIFIED |            | APPROVED BY:<br>JP.Gong |
| PART NO.:<br>SYT414Q200DB1A2DC057 (5G) | SACLE<br>1:1 | REV<br>A1         | x±0.35                                 | x°±3.0°    | CHECKED BY:<br>TW.Xu    |
| REMARK:                                | SHEET<br>2/3 |                   | .xx±0.25                               | .xx°±1.5°  | DESIGND BY:<br>ZG.Hu    |
|  |              |                   | .xxx±0.10                              | .xxx°±1.0° |                         |

REACH & RoHS  
COMPLIANT

# PROFILE OF WAVE SOLDER

| REV. | ECN / DESCRIPTION        | BY    | DATE       |
|------|--------------------------|-------|------------|
| A0   | NEW                      | MQ.Qu | 2018.05.03 |
| A1   | Terminal Material Change | ZG.Hu | 2020.08.05 |



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.

**WOHU** 苏州沃虎电子科技有限公司  
 Su Zhou Wo Hu Electronic Tech.Co.,Ltd.

|  |              |                   |  |            |                         |
|--|--------------|-------------------|--|------------|-------------------------|
| TITLE:<br>TAB-UP 1X4 5G                | SIZE<br>A4   | UNITS<br>MM[INCH] | GENERAL TOLERANCES<br>UNLESS SPECIFIED |            | APPROVED BY:<br>JP.Gong |
| PART NO.:<br>SYT414Q200DB1A2DC057 (5G) | SACLE<br>1:1 | REV<br>A1         | x±0.35                                 | x°±3.0°    | CHECKED BY:<br>TW.Xu    |
| REMARK:                                | SHEET<br>3/3 |                   | .xx±0.25                               | .xx°±1.5°  | DESIGND BY:<br>ZG.Hu    |
|  |              |                   | .xxx±0.10                              | .xxx°±1.0° |                         |