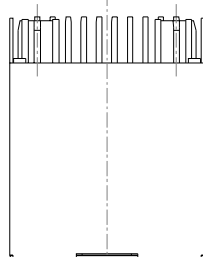
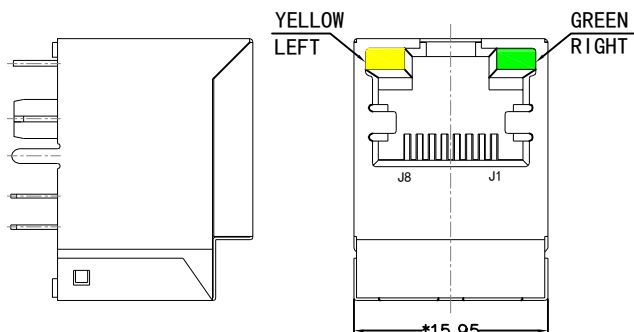


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COMPLIANT

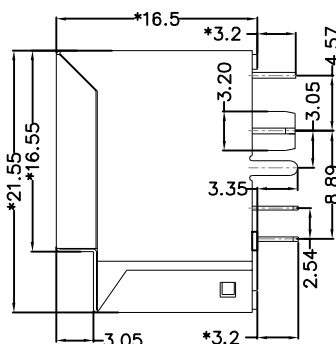
| REV. | ECN / DESCRIPTION | BY    | DATE       |
|------|-------------------|-------|------------|
| A0   | NEW               | ZG.Hu | 2018.03.12 |



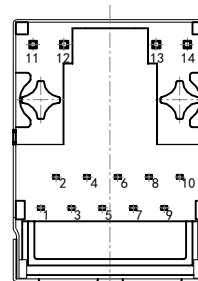
TOP VIEW



FRONT VIEW

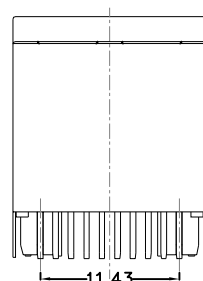


RIGHT SIDE VIEW

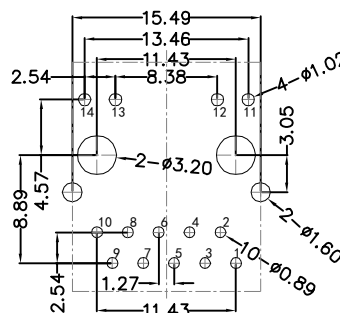


BACK VIEW

LEFT SIDE VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE

### MATERIAL:

HOUSING: PBT,UL94V-0,BLACK.  
TERMINALS BRACKET: PBT,UL94V-0,BLACK.  
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.  
TERMINAL: PHOSPHOR BRONZE C5210,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 "\*"

DGKYD

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Dong Guan Ke You Da Electronic Tech.Co.,Ltd

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Tel:+86-0769-87334608; Fax:+86-0769-87847129 WWW.DGKYD.COM

TITLE:

TAB-UP 1X1 10/100/1000BASE

PART NO.:

DGKYD511Q106AC1A1D068-帶缺口

REMARK:

SIZE

A4

SACLE

1:1

SHEET

1/3

UNITS

MM[INCH]

REV

A0

DESIGN

1/3

GENERAL TOLERANCES

UNLESS SPECIFIED

x±0.35

.x±0.30

.xx±0.25

.xxx±0.10

APPROVED BY:

JP.Gong

CHECKED BY:

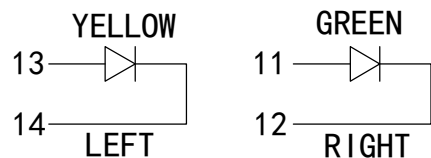
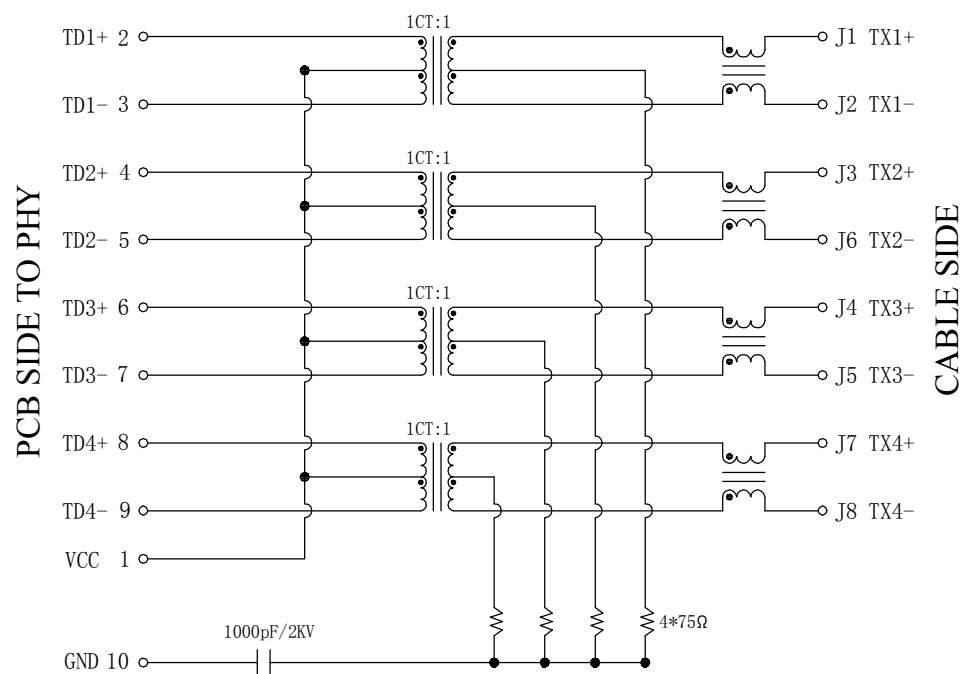
TW.Xu

DESIGND BY:

ZG.Hu

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COMPLIANT

| REV. | ECN / DESCRIPTION | BY    | DATE       |
|------|-------------------|-------|------------|
| A0   | NEW               | ZG.Hu | 2018.03.12 |



### Electrical:

- Turn ratio: 2~3: J1~J2=1CT:1CT(±2%).  
4~5: J3~J6=1CT:1CT(±2%).  
6~7: J4~J5=1CT:1CT(±2%).  
8~9: J7~J8=1CT:1CT(±2%).
- OCL: 350uH Min.at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -18dB Min 1~30MHz;  
-14dB Min 30~60MHz.  
-12dB Min 60~80MHz.  
-10dB Min 80~100MHz.
- Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: 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   |

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TITLE:

TAB-UP 1X1 10/100/1000BASE

PART NO.:

DGKYD511Q106AC1A1D068-帶缺口

REMARK:

SIZE

A4

SACLE

1:1

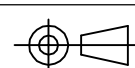
SHEET  
2/3

UNITS

MM[INCH]

REV

A0



GENERAL TOLERANCES

UNLESS SPECIFIED

x±0.35

.xx±0.25

.xxx±0.10

x°±3.0°

.x°±2.0°

.xx°±1.5°

.xxx°±1.0°

APPROVED BY:

JP.Gong

CHECKED BY:

TW.Xu

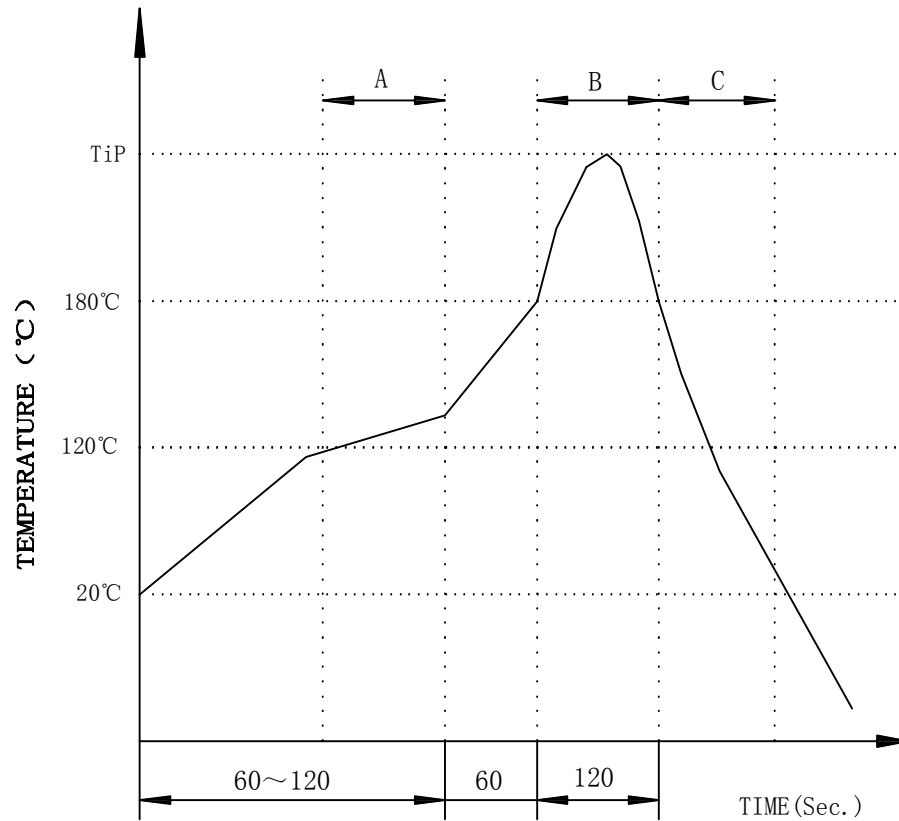
DESIGND BY:

ZG.Hu

REACH & RoHS  
COMPLIANT

# PROFILE OF WAVE SOLDER

| REV. | ECN / DESCRIPTION | BY    | DATE       |
|------|-------------------|-------|------------|
| A0   | NEW               | ZG.Hu | 2018.03.12 |



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.

## DGKYD

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|         |                                        |              |                   |                                        |            |                         |
|---------|----------------------------------------|--------------|-------------------|----------------------------------------|------------|-------------------------|
| REMARK: | TITLE:<br>TAB-UP 1X1 10/100/1000BASE   | SIZE<br>A4   | UNITS<br>MM[INCH] | GENERAL TOLERANCES<br>UNLESS SPECIFIED |            | APPROVED BY:<br>JP.Gong |
|         | PART NO.:<br>DGKYD511Q106AC1A1D068-帶缺口 | SACLE<br>1:1 | REV<br>A0         | x±0.35                                 | x°±3.0°    | CHECKED BY:<br>TW.Xu    |
|         |                                        |              |                   | .xx±0.30                               | .x°±2.0°   |                         |
|         |                                        | SHEET<br>3/3 |                   | .xx±0.25                               | .xx°±1.5°  | DESIGND BY:<br>ZG.Hu    |
|         |                                        |              |                   | .xxx±0.10                              | .xxx°±1.0° |                         |