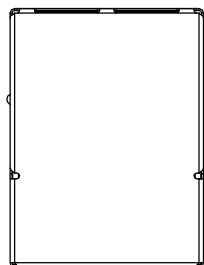
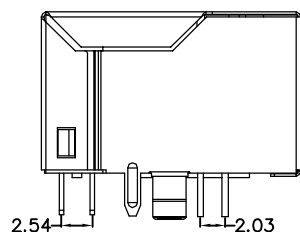


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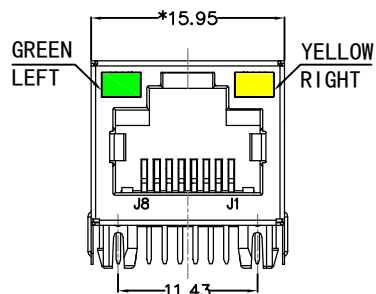
| REV. | ECN / DESCRIPTION | BY    | DATE       |
|------|-------------------|-------|------------|
| A0   | NEW               | ZG.Hu | 2017.12.14 |



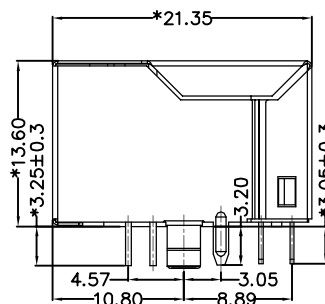
TOP VIEW



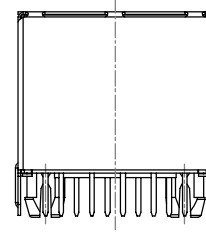
LEFT SIDE VIEW



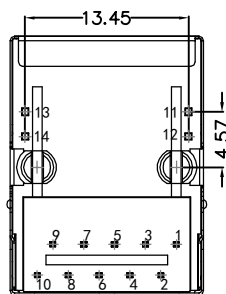
FRONT VIEW



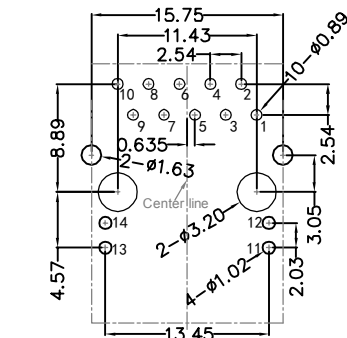
RIGHT SIDE VIEW



BACK 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

东莞市科优达电子科技有限公司  
Dong Guan Ke You Da Electronic Tech.Co.,Ltd

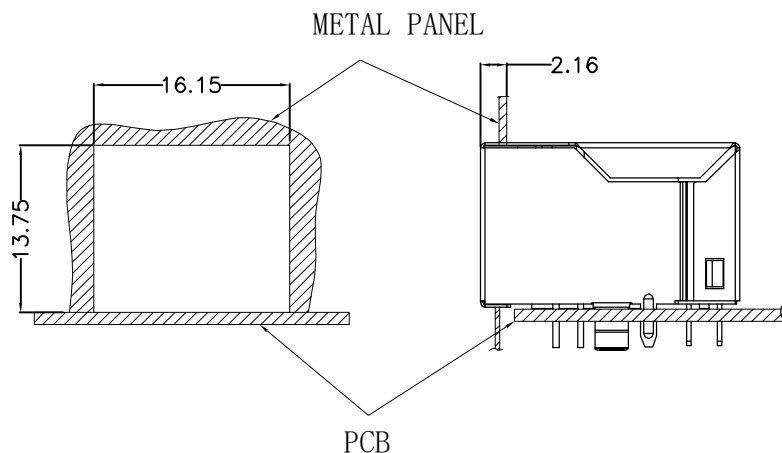
ADD: No.1 LiHe Street,LiHeng Village,Qingxi town, DongGuan City,GuangDong Province  
Tel:+86-0769-87334608; Fax:+86-0769-87847129 WWW.DGKYD.COM

|                               |              |                   |                                        |            |                         |
|-------------------------------|--------------|-------------------|----------------------------------------|------------|-------------------------|
| TITLE:<br>TAB-UP 1X1 1000BASE | SIZE<br>A4   | UNITS<br>MM[INCH] | GENERAL TOLERANCES<br>UNLESS SPECIFIED |            | APPROVED BY:<br>JP.Gong |
| PART NO.:<br>KRJ-SH329GYNL    | SACLE<br>1:1 | REV<br>A0         | x±0.35                                 | x°±3.0°    | CHECKED BY:<br>TW.XU    |
|                               |              |                   | .x±0.30                                | .x°±2.0°   |                         |
| REMARK:                       | SHEET<br>1/4 |                   | .xx±0.25                               | .xx°±1.5°  | DESIGND BY:<br>ZG.Hu    |
|                               |              |                   | .xxx±0.10                              | .xxx°±1.0° |                         |

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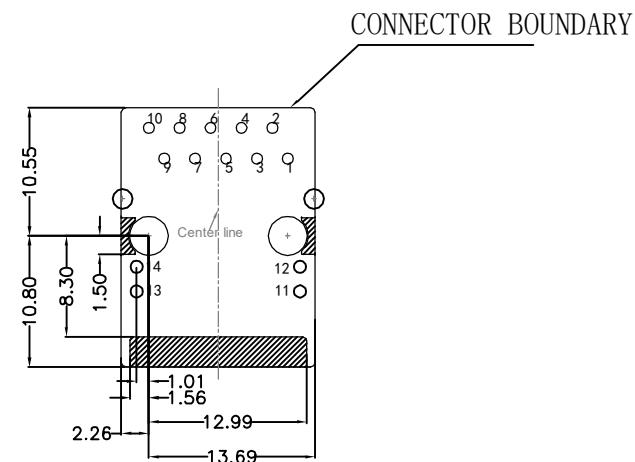
| REV. | ECN / DESCRIPTION | BY    | DATE       |
|------|-------------------|-------|------------|
| A0   | NEW               | ZG.Hu | 2017.12.14 |

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY):



UNIT: MM / INCH  
TOLERANCES:  $\pm 0.10$  / 0.004  
REFERENCE ONLY

KEEP-OUT AREA (COMPONENT SIDE VIEW):



PLUG-IN SIDE

UNIT: MM / INCH  
TOLERANCES:  $\pm 0.10$  / 0.004

DGKYD

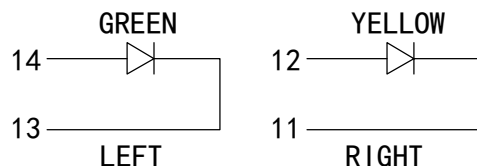
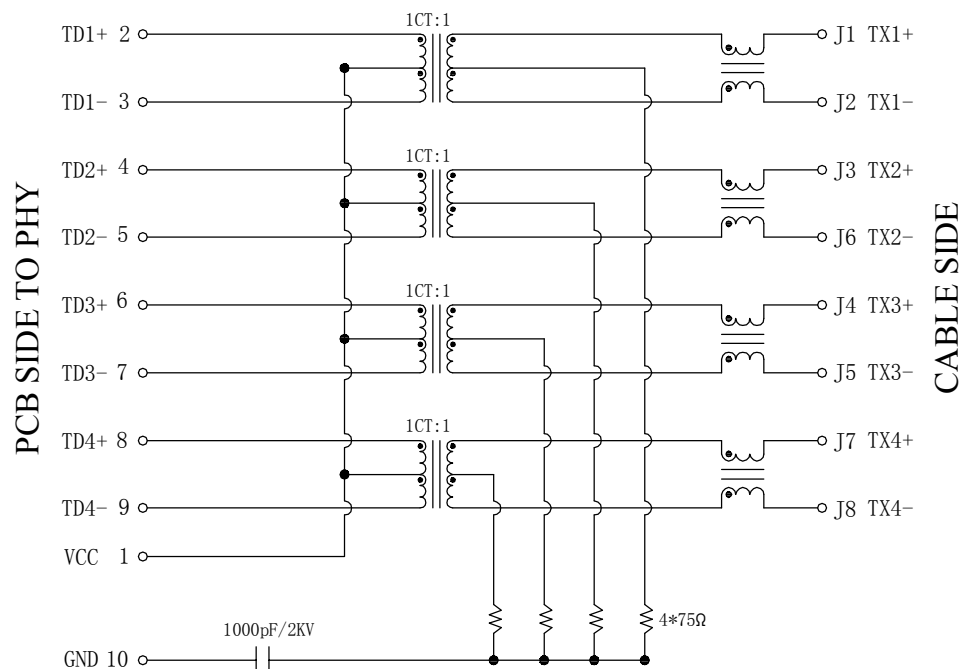
东莞市科优达电子科技有限公司  
Dong Guan Ke You Da Electronic Tech.Co.,Ltd

ADD: No.1 LiHe Street, LiHeng Village, Qingxi town, DongGuan City, GuangDong Province  
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|                               |              |                   |                                        |                            |                         |
|-------------------------------|--------------|-------------------|----------------------------------------|----------------------------|-------------------------|
| TITLE:<br>TAB-UP 1X1 1000BASE | SIZE<br>A4   | UNITS<br>MM[INCH] | GENERAL TOLERANCES<br>UNLESS SPECIFIED |                            | APPROVED BY:<br>JP.Gong |
| PART NO.:<br>KRJ-SH329GYNL    | SACLE<br>1:1 | REV<br>A0         | $x \pm 0.35$                           | $x^\circ \pm 3.0^\circ$    | CHECKED BY:<br>TW.XU    |
| REMARK:                       | SHEET<br>2/4 |                   | $.x \pm 0.30$                          | $.x^\circ \pm 2.0^\circ$   | DESIGND BY:<br>ZG.Hu    |
|                               |              |                   | $.xx \pm 0.25$                         | $.xx^\circ \pm 1.5^\circ$  |                         |
|                               |              |                   | $.xxx \pm 0.10$                        | $.xxx^\circ \pm 1.0^\circ$ |                         |

REACH & RoHS  
COMPLIANT

| REV. | ECN / DESCRIPTION | BY    | DATE       |
|------|-------------------|-------|------------|
| A0   | NEW               | ZG.Hu | 2017.12.14 |



### Electrical:

- Turn ratio: 2~3: J1~J2=1CT:1CT( $\pm 2\%$ ).  
4~5: J3~J6=1CT:1CT( $\pm 2\%$ ).  
6~7: J4~J5=1CT:1CT( $\pm 2\%$ ).  
8~9: J7~J8=1CT:1CT( $\pm 2\%$ ).
- 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:<br>TAB-UP 1X1 1000BASE | SIZE<br>A4   | UNITS<br>MM[INCH] | GENERAL TOLERANCES<br>UNLESS SPECIFIED |                                      | APPROVED BY:<br>JP.Gong |
| PART NO.:<br>KRJ-SH329GYNL    | SACLE<br>1:1 | REV<br>A0         | x $\pm$ 0.35                           | x $^{\circ}$ $\pm$ 3.0 $^{\circ}$    | CHECKED BY:<br>TW.XU    |
| REMARK:                       | SHEET<br>3/4 |                   | .xx $\pm$ 0.25                         | .xx $^{\circ}$ $\pm$ 1.5 $^{\circ}$  | DESIGND BY:<br>ZG.Hu    |
|                               |              |                   | .xxx $\pm$ 0.10                        | .xxx $^{\circ}$ $\pm$ 1.0 $^{\circ}$ |                         |