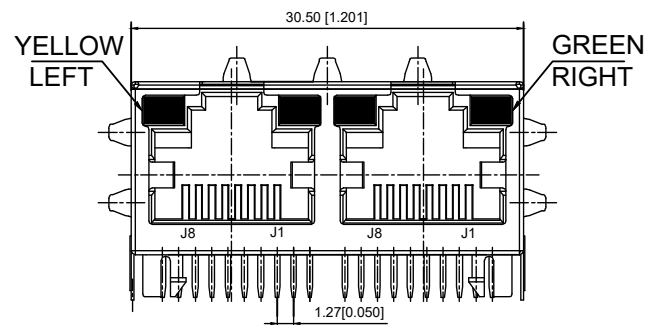
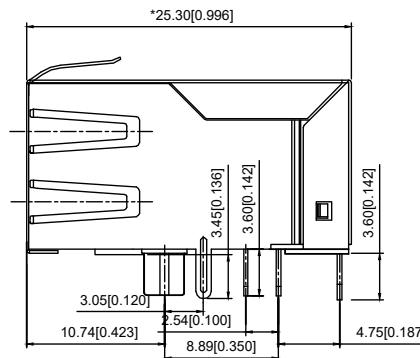
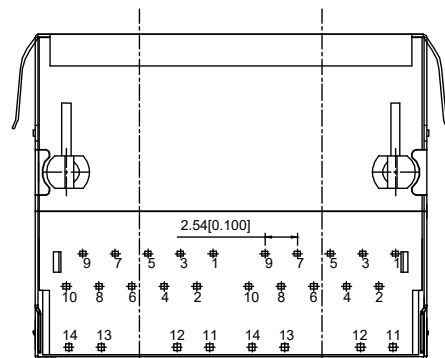




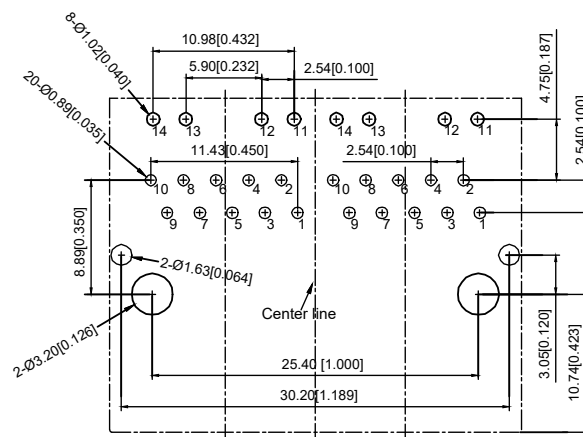
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW

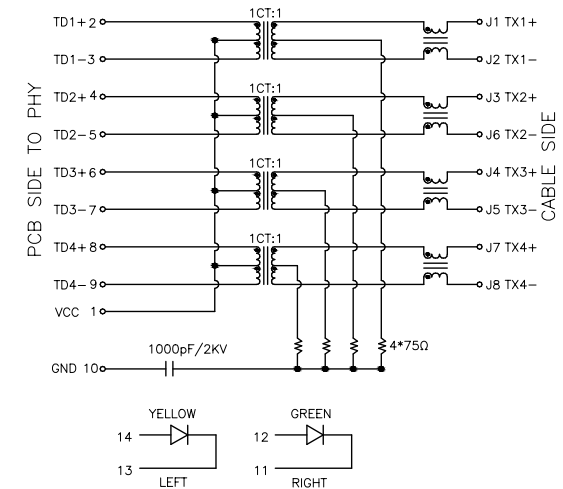
RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE

## ELECTRICAL 电气:

- Turn ratio 匝数比: 1~2: 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 已占搭载量: 350uH Min.at 100KHz 100mV 8mA DC.
- Insertion Loss 插入损耗: -1.0 dB Max 1~100MHz
- Return loss 回程损耗: -20dB Min 1~10MHz  
-16dB Min 10~30MHz  
-12dB Min 30~60MHz  
-10dB Min 60~80MHz
- Cross talk 串扰: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
- CMR 共模抑制: -30dB Min 1~100MHz;
- Hi-Pot 耐压测试: 1500V & 2250V DC 6S 1mA PRI TO SEC

## LED Specification

| Standard LED Color | LED Wavelength | Forward(A) | Forward(V) |
|--------------------|----------------|------------|------------|
| Green              | 568nm          | 20mA       | 1.85-2.45V |
| Yellow             | 585nm          | 20mA       | 1.7-2.2V   |



## XKB Connectivity

## MATERIAL 材料:

HOUSING 外壳: PBT,UL94V-0,BLACK.  
TERMINALS BRACKET 端子支架: PBT,UL94V-0,BLACK.  
SHIELD 保护物: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.  
TERMINAL 端子: PHOSPHOR BRONZE C5210,T=0.35MM,  
GOLD PLATING ON CONTACT AREA.

## MECHANICAL 机械:

DURABILITY 耐用性: 750 CYCLES MIN.  
MATING FORCE 配合力: 23N MAX.  
OPERATING TEMPERATURE 工作温度: -40°C~+85°C.  
STORAGE TEMPERATURE 储存温度: -40°C~+85°C.  
ALL CRITICAL DIMENSIONS WITH "★"

| MARK                                          | DESCRIPTION | DATE | REVISED | APPROVED | UNSPECIFIED TOLERANCES |
|-----------------------------------------------|-------------|------|---------|----------|------------------------|
| Δx                                            |             |      |         |          | ANGULAR ±5°            |
| Δx                                            |             |      |         |          | L ≤ 4 ±0.2             |
| Δx                                            |             |      |         |          | 4 < L ≤ 16 ±0.3        |
| Δx                                            |             |      |         |          | 16 < L ≤ 63 ±0.4       |
| MARK                                          |             |      |         |          | L > 63 ±0.5            |
| REVISIONS                                     |             |      |         |          |                        |
| www.helloxkb.com www.helloxkb.cn www.xk-dg.cn |             |      |         |          |                        |

|                                      |  |             |                          |
|--------------------------------------|--|-------------|--------------------------|
| DSND                                 |  | SCALE: N/A  | MODEL TYPE:              |
| DWN                                  |  | VIEW:       | RJ JACK                  |
| CHKD                                 |  | UNIT: mm/in | PART NO.: X03BQ106DB1DD  |
| APPD                                 |  | SIZE: A4    | DWG NO.: X-X03BQ106DB1DD |
| XKB INDUSTRIAL PRECISION CO.,LIMITED |  |             | WEIGHT                   |
|                                      |  |             | SHEET                    |
|                                      |  |             | REVISION                 |
|                                      |  |             | 1/1                      |
|                                      |  |             | A0                       |