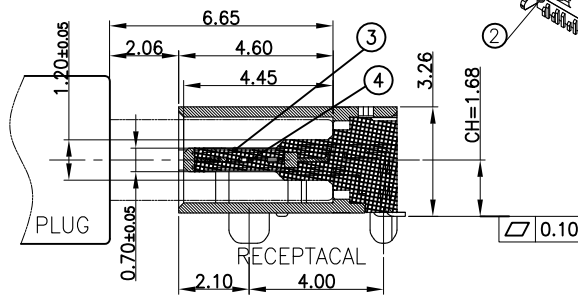


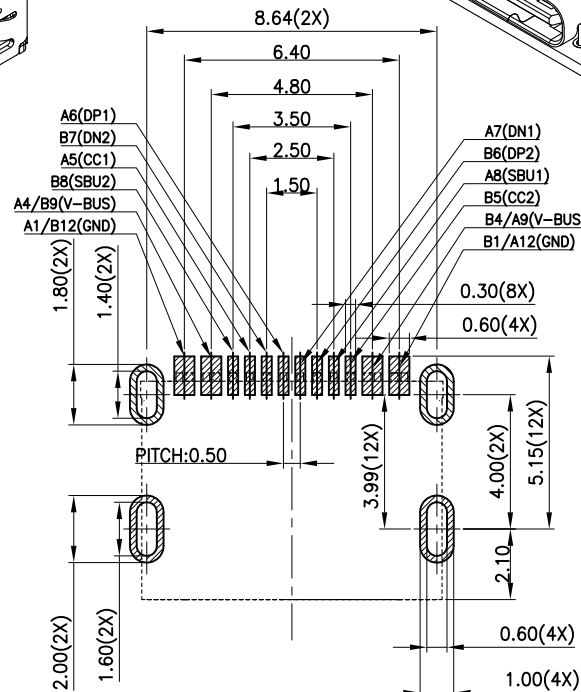
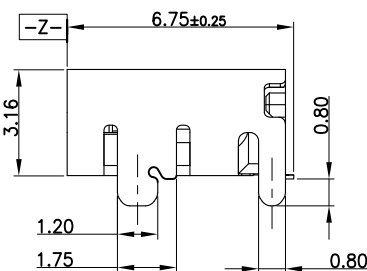


# Part NO. Detailed List

| ITEM | P/N               | LOGO     | COLOUR |
|------|-------------------|----------|--------|
| 1    | TCR13-32111602-01 | With     | Black  |
| 2    | TCR13-32111602-02 | With     | White  |
| 3    | TCR13-32111602-03 | With Out | Black  |
| 4    | TCR13-32111602-04 | With Out | White  |



AFTER MATING  
SECTION:A-A



RECOMMENDED PCB LAYOUT(THICKNESS:0.80MM)  
PWB TOLERANCE: ±0.05

## SPECIFICATION:

### 1.ELECTRICAL CHARACTERISTICS:

- 1.1 CURRENT RATING: 1.5A/Pin MAX(A4,A9,B4,B9)  
1.25A/Pin MAX(A1,A12,B1,B12),0.25A(OTHER PIN)
- 1.2 CONTACT RESISTANCE: 40 MILLIONHM MAX.
- 1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
- 1.4 INSULATION RESISTANCE: 100 MEGOHMS MIN.

### 2.MECHANICAL CHARACTERISTICS

- 2.1 INSERTION FORCE: 5~20N
- 2.2 EXTRACTION FORCE: Initial:8~20N;Durability:6~20N(1000cycles);
- 2.3 DURABILITY:10,000CYCLES

### 3.ENVIRONMENTAL CHARACTERISTICS

- 3.1 TEMPERATURE RANGE: -40 °C ~ 85 °C
- 3.2. IR REFLOW:

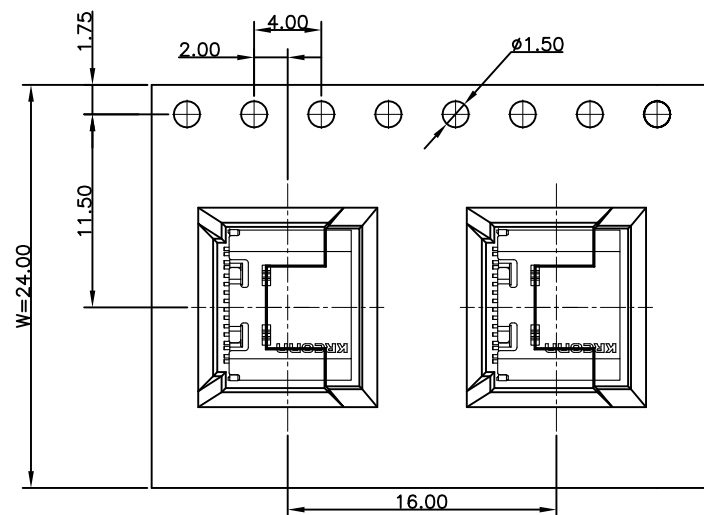
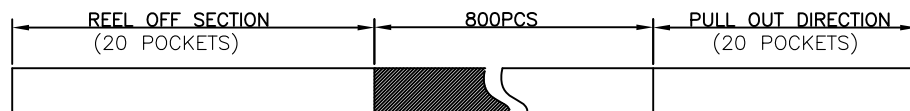
THE PEAK TEMPERATURE ON THE BOARD SHALL  
BE MAINTAINED FOR 10 SECONDS AT 260°C.

### 4.PART NO.:

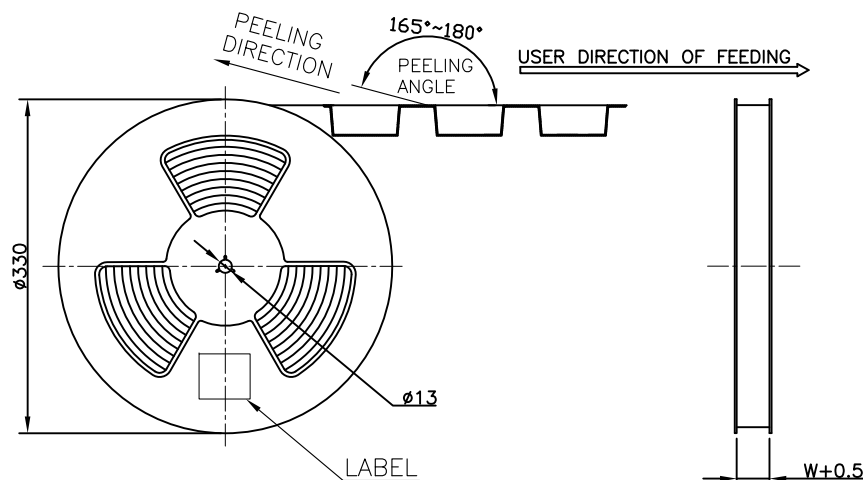
TCR13-32X11602-XX

TC=TYPE.C CONN.  
R=RECEPTACLE  
Product Order  
32=HEIGHT ON BOARD 3.2mm  
1=BLACK HOUSING/2=WHITE HOUSING  
1=WITH DULL POST  
XX= Services NO.  
SEE Detailed List  
02=3u" Au Plating  
On Contact Area  
Pin NO. 16=16Pin

|                                       |           |         |                                                      |                                                                                                                                                                                            |
|---------------------------------------|-----------|---------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5                                     | MID PLATE | 1 PCS   | STAINLESS STEEL                                      | NO SURFACE TREATMENT                                                                                                                                                                       |
| 4                                     | CONTACT B | 1 SET   | COPPER ALLOY                                         | Ni 50u" MIN. UNDER PLATED OVER ALL.<br>Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.<br>(GOLD PLATING THICKNESS FOLLOW THE P/N)<br>PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N |
| 3                                     | CONTACT A | 1 SET   | COPPER ALLOY                                         |                                                                                                                                                                                            |
| 2                                     | HOUSING   | 3 PCS   | NYLON 46                                             | COLOR: SEE TABLE                                                                                                                                                                           |
| 1                                     | SHELL     | 1 PCS   | STAINLESS STEEL                                      | Ni 30u" MIN. UNDER PLATED OVER ALL.                                                                                                                                                        |
| NO. DESCRIPTION                       |           | QTY.    | MATERIAL                                             | FINISH                                                                                                                                                                                     |
| UNLESS OTHERWISE SPECIFIED TOLERANCES |           |         | 深圳市精睿兴业科技有限公司<br>SHENZHEN KRCONN TECHNOLOGY CO., LTD |                                                                                                                                                                                            |
| DECIMALS:                             |           | ANGLES: | TITLE Type.C 16PIN L=6.5MM CONN. RECPTACLE           |                                                                                                                                                                                            |
| X                                     | :±0.5     | X       | :±2°                                                 | DWN Johnie PART NO. TCR13-32X11602-XX                                                                                                                                                      |
| X.X                                   | :±0.30    | X.X     | :±1°                                                 | CHKD Kevin.d SCALE:1:1 UNIT: mm                                                                                                                                                            |
| X.XX                                  | :±0.20    |         |                                                      | APVD Simon.Mo SIZE: A4 SHEET:1OF1 REV: A                                                                                                                                                   |
| X.XXX                                 | :±0.10    |         |                                                      | DRAW NO. C-DWG-TC13-01 CUSTOMER COPY                                                                                                                                                       |



PRODUCT PACKAGING DIRECTION  
CUSTOMER TO USE DIRECTION



PAPER BOARD

REEL AND TAPE

REEL AND TAPE

PAPER BOARD

FOLDER  
PAPER BOARD

CARTON

| CONN. PART NO.    | CONN. QTY./REEL | REEL QTY./CARTON | CONN. QTY./CARTON |
|-------------------|-----------------|------------------|-------------------|
| TCR13-32X11602-XX | 800             | 10               | 8000 PCS          |

UNLESS OTHERWISE  
SPECIFIED TOLERANCES



深圳市精睿兴业科技有限公司  
SHENZHEN KRCONN TECHNOLOGY CO., LTD

DECIMALS: ANGLES:  
X :±0.5 X :±2°  
X.X :±0.30 X.X :±1°  
X.XX :±0.20  
X.XXX :±0.10

| TITLE                  | Type.C 16PIN L=6.5MM CONN. RECPTACLE |                            |            |        |
|------------------------|--------------------------------------|----------------------------|------------|--------|
| DWN                    | Johnie                               | PART NO. TCR13-32X11602-XX |            |        |
| CHKD                   | Kevin.d                              | SCALE:1:1                  | UNIT: mm   |        |
| APVD                   | Simon.Mo                             | SIZE: A4                   | SHEET:1OF1 | REV: A |
| DRAW NO. C-DWG-TC13-01 |                                      | CUSTOMER COPY              |            |        |