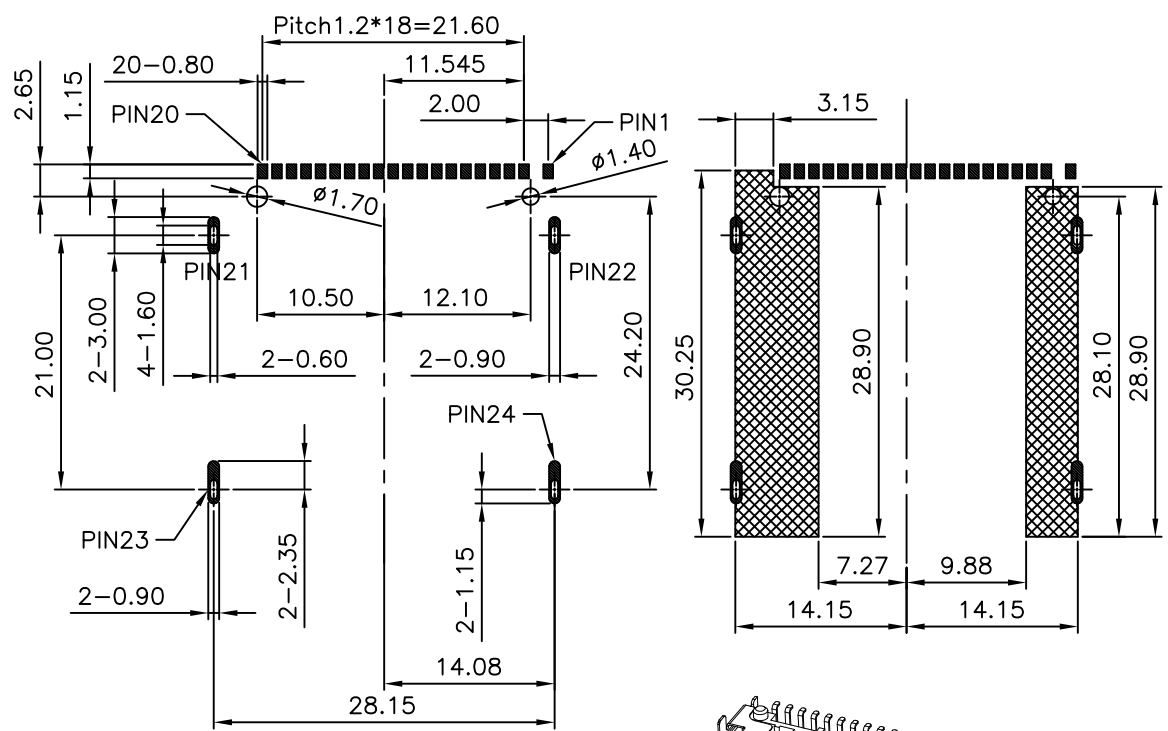


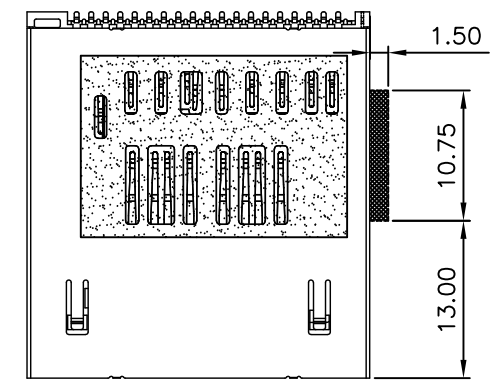
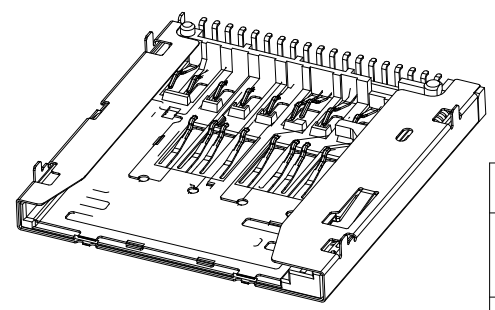


| 更改<br>REV | 数量<br>MODIFICATION |
|-----------|--------------------|
| A         | ECXXXX             |

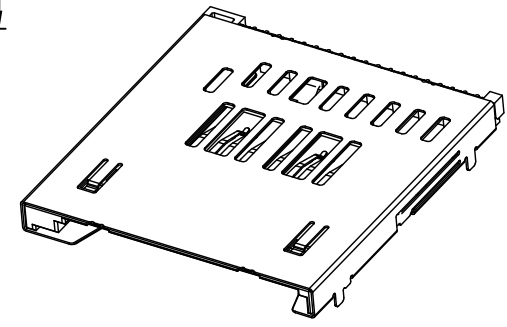


RECOMMEND P.C.B LAYOUT  
TOLERANCE  $\pm 0.05$

- PAD
- NO TRACE , NO TEST POINT,  
NO VIA HOLE, NO GROUND AREA



NO COMPONENT AREA



| WITHOUT CARD |               | CARD INSERTED:LOCK |               | CARD INSERTED:UNLOCK |               |
|--------------|---------------|--------------------|---------------|----------------------|---------------|
| C/D<br>#12   | VSS1<br>#11   | C/D<br>#12         | VSS1<br>#11   | C/D<br>#12           | VSS1<br>#11   |
| WP<br>#1     | GND<br>#21~24 | WP<br>#1           | GND<br>#21~24 | WP<br>#1             | GND<br>#21~24 |

| GENERAL TOLERANCE |                              | KINGCONN 皇海科技股份有限公司                   |                                       |
|-------------------|------------------------------|---------------------------------------|---------------------------------------|
| X $\pm$ 0.50      | X* $\pm$ 5°                  | 名 (TITLE)<br>SD4.0 PUSH H3.10 REVERSE |                                       |
| .X $\pm$ 0.30     | .X* $\pm$ 2°                 |                                       |                                       |
| .XX $\pm$ 0.20    | .XX* $\pm$ 1°                |                                       |                                       |
| 单 (UNIT)<br>mm    | 料 (PART NO)<br>7SD40-FA-0008 | 图 (DWG NO)<br>7SD40-FA-0008           |                                       |
| 审核 (APPROVAL)     | 核 对 (CHECKED)                | 製 图 (DRAWN)                           | SCALE 1:1<br>图 数 (SHEET) 2/4<br>REV A |

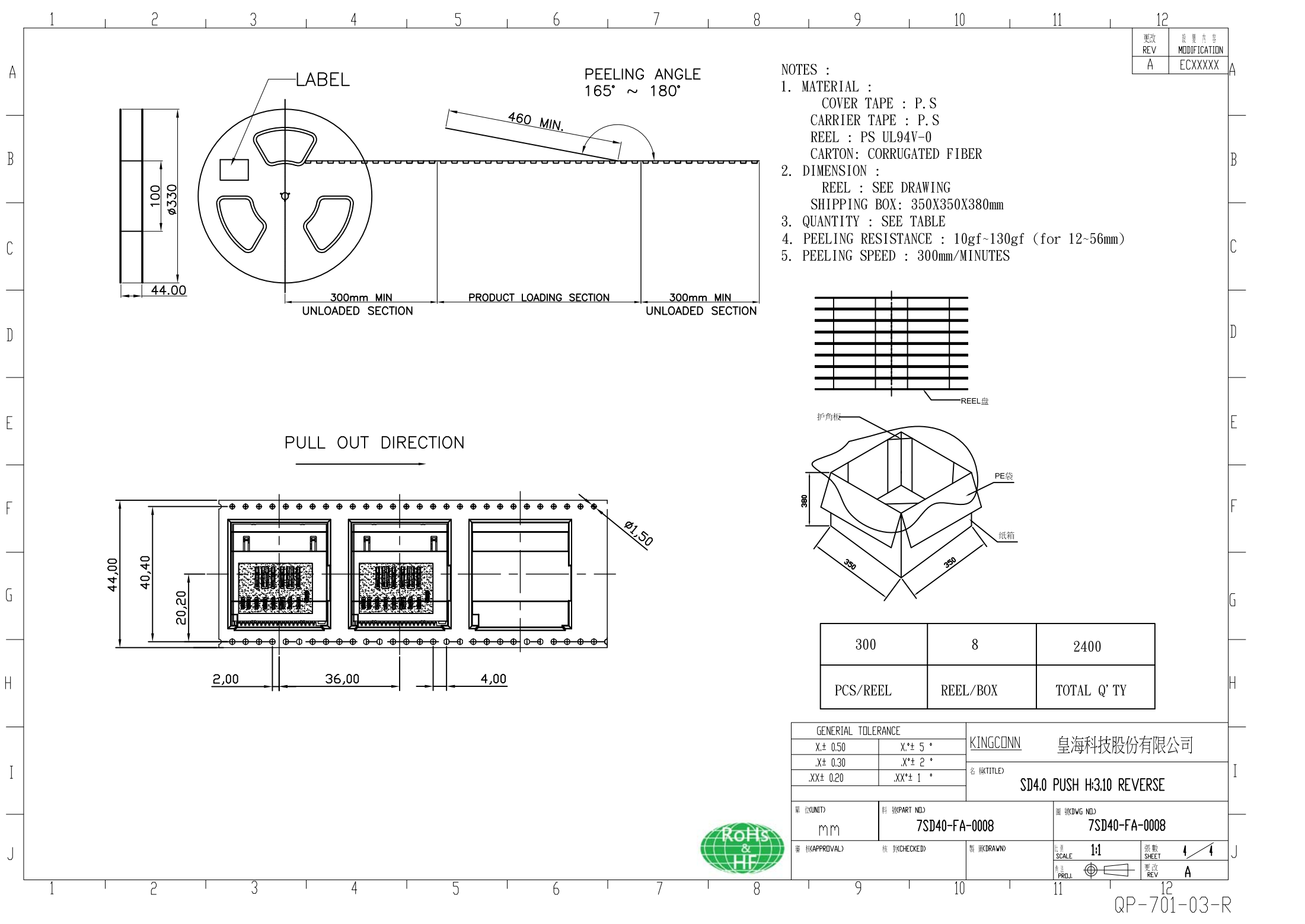


Pin Define

| Connector<br>PinNo. | Specifications<br>SD4.0 PinNo. | Specifications<br>MMC PinNo. | SD Mode |        |                                  | UHS-II Mode |      |                       | MMC  |           |                         |
|---------------------|--------------------------------|------------------------------|---------|--------|----------------------------------|-------------|------|-----------------------|------|-----------|-------------------------|
|                     |                                |                              | Name    | Type   | Description                      | Name        | Type | Description           | Name | Type      | Description             |
| P1                  |                                |                              | WP      |        |                                  | WP          |      |                       |      |           |                         |
| P2                  | P8                             |                              | DAT1    | I/O/PP | Data Line[Bit 1]                 | RCLK-       | I    |                       |      |           |                         |
| P3                  | P7                             | P7                           | DAT0    | I/O/PP | Data Line[Bit 0]                 | RCLK+       | I    |                       | DAT  | I/O/PP    | Data                    |
| P4                  | P17                            |                              | —       |        | Not Used(Connected to ground)    | VSS5        | S    | Supply voltage ground |      |           |                         |
| P5                  | P6                             | P6                           | VSS2    | S      | Supply voltage ground            | VSS2        | S    | Supply voltage ground | VSS  | S         | Supply voltage ground   |
| P6                  | P16                            |                              | —       |        | Not Used                         | D1+         | LVDS |                       |      |           |                         |
| P7                  | P5                             | P5                           | CLK     | I      | Clock                            | —           |      | Not Used              | CLK  | I         | Clock                   |
| P8                  | P15                            |                              | —       |        | Not Used                         | D1-         | LVDS |                       |      |           |                         |
| P9                  | P4                             | P4                           | VDD     | S      | Supply voltage                   | VDD1        | S    | Supply voltage(3.3V)  | VDD  | S         | Supply voltage          |
| P10                 | P14                            |                              | —       |        | Not Used                         | VDD2        | S    | Supply voltage(1.8V)  |      |           |                         |
| P11                 | P3                             | P3                           | VSS1    | S      | Supply voltage ground            | VSS1        | S    | Supply voltage ground | VSS  | S         | Supply voltage ground   |
| P12                 |                                |                              | CD      |        |                                  | CD          |      |                       |      |           |                         |
| P13                 | P13                            |                              | —       |        | Not Used(Connected to ground)    | VSS4        | S    | Supply voltage ground |      |           |                         |
| P14                 | P2                             | P2                           | CMD     | PP     | Command/Response                 | —           |      | Not Used              | CMD  | I/O/PP/OD | Command/Reserved        |
| P15                 | P12                            |                              | —       |        | Not Used                         | D0-         | LVDS |                       |      |           |                         |
| P16                 | P1                             | P1                           | CD/DAT3 | I/O/PP | Card Detect/<br>Data Line[Bit 3] | —           |      | Not Used              | RSV  | NC        | Reserved for future use |
| P17                 | P11                            |                              | —       |        | Not Used                         | D0+         | LVDS |                       |      |           |                         |
| P18                 | P9                             |                              | DAT2    | I/O/PP | Data Line[Bit 2]                 | —           |      |                       |      |           |                         |
| P19                 | P10                            |                              | —       |        | Not Used(Connected to ground)    | VSS3        | S    | Supply voltage ground |      |           |                         |
| P20                 |                                |                              | GND     |        |                                  | GND         |      |                       | GND  |           |                         |
| P21                 |                                |                              | GND     |        |                                  | GND         |      |                       | GND  |           |                         |
| P22                 |                                |                              | GND     |        |                                  | GND         |      |                       | GND  |           |                         |
| P23                 |                                |                              | GND     |        |                                  | GND         |      |                       | GND  |           |                         |
| P24                 |                                |                              | GND     |        |                                  | GND         |      |                       | GND  |           |                         |

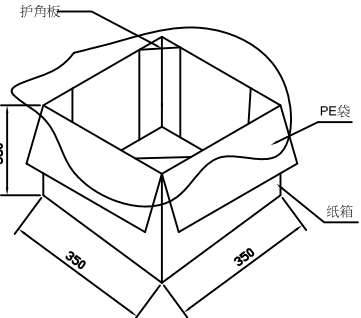
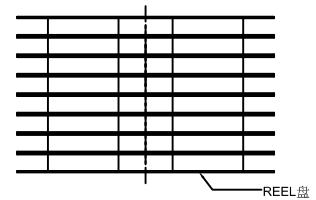


|                   |                                |                                         |                             |
|-------------------|--------------------------------|-----------------------------------------|-----------------------------|
| GENERAL TOLERANCE |                                | KINGCONN 皇海科技股份有限公司                     |                             |
| X± 0.50           | X*± 5 °                        | 名 称(TITLE)<br>SD4.0 PUSH H:3.10 REVERSE |                             |
| .X± 0.30          | .X*± 2 °                       |                                         |                             |
| .XX± 0.20         | .XX*± 1 °                      |                                         |                             |
| 单 位(UNIT)<br>mm   | 料 号(PART NO.)<br>7SD40-FA-0008 | 图 号(DWG NO.)<br>7SD40-FA-0008           |                             |
| 审 核(APPROVAL)     | 核 对(CHECKED)                   | 制 图(DRAWN)                              | 比例 SCALE 1:1 张数 SHEET 3 / 4 |
|                   |                                |                                         | 更改 REV A                    |



|           |                  |
|-----------|------------------|
| 更改<br>REV | 路<br>量<br>名<br>号 |
| A         | ECXXXX           |

- NOTES :
1. MATERIAL :  
COVER TAPE : P.S  
CARRIER TAPE : P.S  
REEL : PS UL94V-0  
CARTON: CORRUGATED FIBER
  2. DIMENSION :  
REEL : SEE DRAWING  
SHIPPING BOX: 350X350X380mm
  3. QUANTITY : SEE TABLE
  4. PEELING RESISTANCE : 10gf~130gf (for 12~56mm)
  5. PEELING SPEED : 300mm/MINUTES



|          |          |             |
|----------|----------|-------------|
| 300      | 8        | 2400        |
| PCS/REEL | REEL/BOX | TOTAL Q' TY |

|                   |                                |                                         |                                           |
|-------------------|--------------------------------|-----------------------------------------|-------------------------------------------|
| GENERAL TOLERANCE |                                | KINGCONN 皇海科技股份有限公司                     |                                           |
| X.± 0.50          | X.*± 5 °                       | 名 称(TITLE)<br>SD4.0 PUSH H:3.10 REVERSE |                                           |
| .X± 0.30          | .X*± 2 °                       |                                         |                                           |
| .XX± 0.20         | .XX*± 1 °                      |                                         |                                           |
| 单 位(UNIT)<br>mm   | 料 号(PART NO.)<br>7SD40-FA-0008 | 图 号(DWG NO.)<br>7SD40-FA-0008           |                                           |
| 审 核(APPROVAL)     | 核 对(CHECKED)                   | 製 图(DRAWN)                              | SCALE 1:1<br>张 数(SHEET) 4/4<br>更 改(REV) A |

