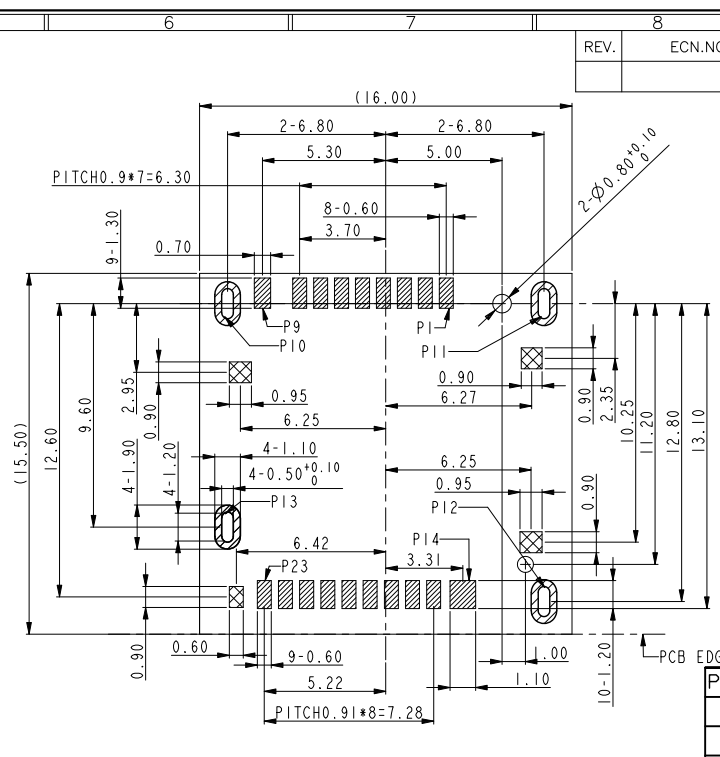
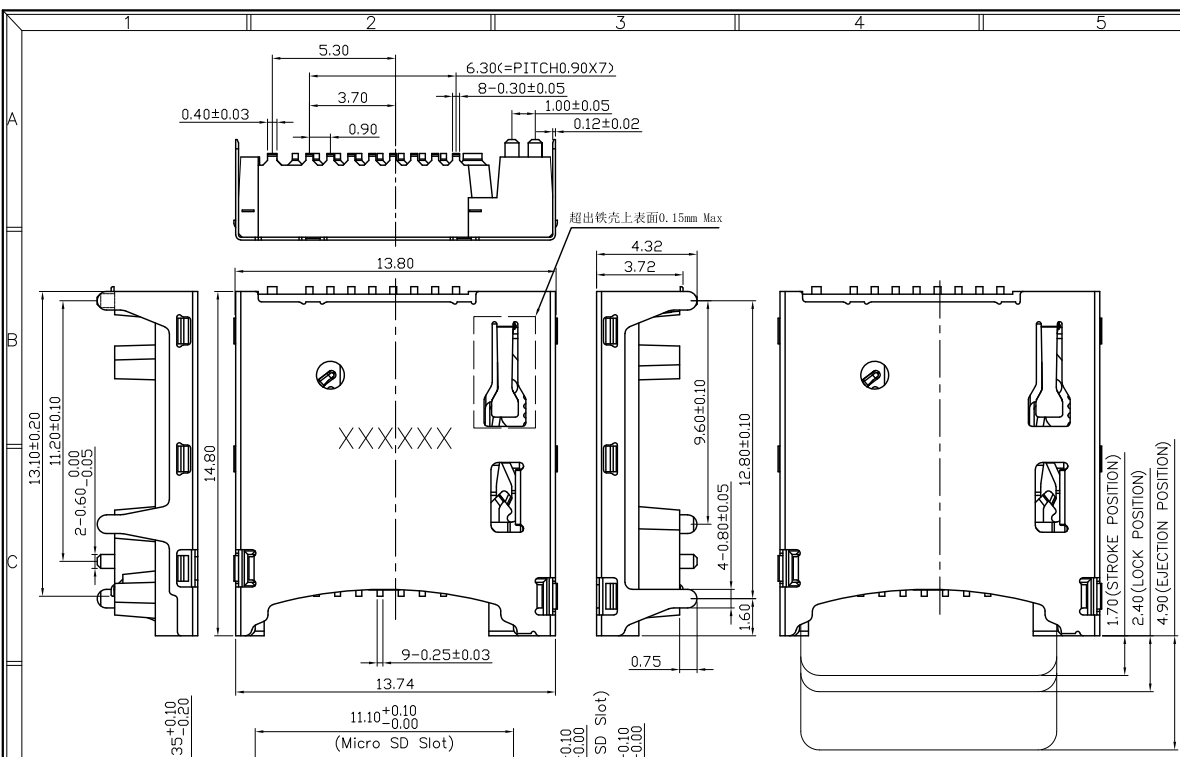
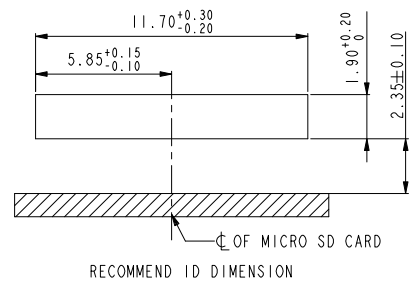


|      |         |                |
|------|---------|----------------|
| REV. | ECN.NO. | MODIFY.CONTENT |
|------|---------|----------------|



RECOMMENDED PCB LAYOUT (ALL TOLERANCE ARE ±0.05)

- PAD AREA
- OTHER COMPONENT KEEPOUT AREA
- RED GLUING AREA

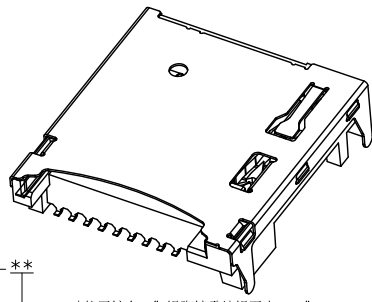


|                     | Card Detect Switch                         |
|---------------------|--|
| Card Uninsertion    | Open                                       |
| Card Half Insertion | Open                                       |
| Card Insertion      | Close                                      |
| N/O                 | Open      Close                            |
|                     |  |
|                     | P6      P9      P6      P9      P6      P9 |

| Pin No. | Pin Assignment      |
|---------|---------------------|
| PIN1    | Micro SD DAT2       |
| PIN2    | Micro SD CD/DAT3    |
| PIN3    | Micro SD CMD        |
| PIN4    | Micro SD VDD1       |
| PIN5    | Micro SD CLK        |
| PIN6    | Micro SD VSS        |
| PIN7    | Micro SD DAT0 RCLK+ |
| PIN8    | Micro SD DAT1 PCLK- |
| PIN9    | Micro SD CD         |
| PIN10   | GND                 |
| PIN11   | GND                 |
| PIN12   | GND                 |
| PIN13   | GND                 |
| PIN14   | GND                 |
| PIN15   | Micro SD VDD2       |
| PIN16   | Micro SD SWID       |
| PIN17   | Micro SD VSS        |
| PIN18   | Micro SD D0+        |
| PIN19   | Micro SD D0-        |
| PIN20   | Micro SD VSS        |
| PIN21   | Micro SD D1-        |
| PIN22   | Micro SD D1+        |
| PIN23   | Micro SD VSS        |

- NOTES :
- MATERIAL :
    - HOUSING:LCP S475 UL94 V-0, BLACK COLOR.
    - SHELL: Stainless Steel SUS304.
    - CONTACT: Copper Alloy C5210.
  - FINISH :
    - CONTACT: GOLD PLATING ON CONTACT AREA, MATTE TIN 100u"MIN ON SOLDERTAIL AREA. 50u" MIN NICKEL PLATING OVERALL.
    - SHELL: 30u" MIN NICKEL PLATING OVERALL. Au 1u"MIN ON SOLDERTAIL AREA.
  - Electrical Characteristics:
    - Operating voltage : 100V AC(rms)/DC.
    - Current rating : 0.5 A.
    - Operating Temperature: -25°C~+85°C.
    - Contact resistance: 100 m ohms max.
    - Insulation resistance: 1000M ohms min. at 250VDC.
    - Dielectric withstanding voltage:500 VAC/1minute.

PART.NO.: MR91-AP401-\*\*



- 功能区镀金1U", 锡脚镀纯锡至少100U"
- 功能区镀金3U", 锡脚镀纯锡至少100U"
- 功能区镀金5U", 锡脚镀纯锡至少100U"
- 功能区镀金10U", 锡脚镀纯锡至少100U"
- 功能区镀金15U", 锡脚镀纯锡至少100U"
- 功能区镀金30U", 锡脚镀纯锡至少100U"

|          |           |         |               |          |                             |          |                  |  |    |       |     |
|----------|-----------|---------|---------------|----------|-----------------------------|----------|------------------|--|----|-------|-----|
| GENERAL  | TOLERANCE | DWG.NO. | MR91-AP401-00 | PART.NO. | MR91-AP401-**               | DRAWN    | L.M.J 2016.06.18 | UNIT   | mm | SCALE | 1:1 |
| x.±0.50  | x.±5°     | REV.    | A             | TITLE    | Micro SD4.0 Push H3.70 conn | CHECKED  |                  | 东莞市欧联电子科技有限公司<br>DONGGUAN OLN ELECTRONICS TECHNOLOGY CO., LTD. |    |       |     |
| .x±0.25  | .x±2°     | SIZE    | A4            | SHEET    | 1 OF 2                      | APPROVED |                  |  |    |       |     |
| .xx±0.15 | .xx±1°    |         |               |          |                             |          |                  |  |    |       |     |