

## Excellent Integrated System Limited

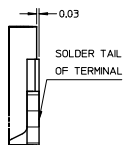
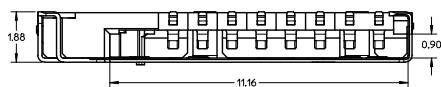
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

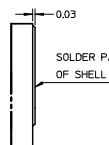
[Molex Connector Corporation](#)  
[0473340001](#)

For any questions, you can email us directly:

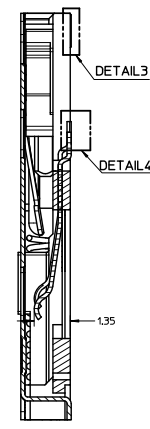
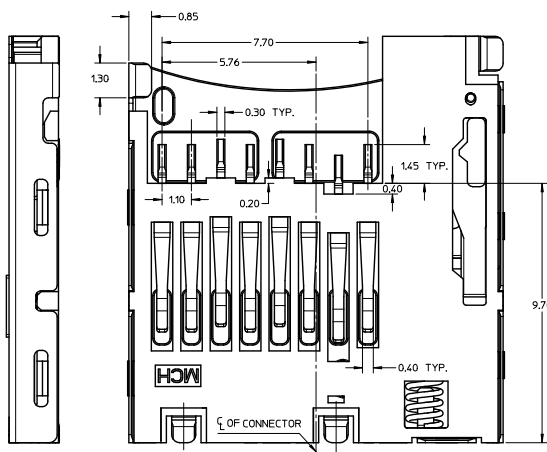
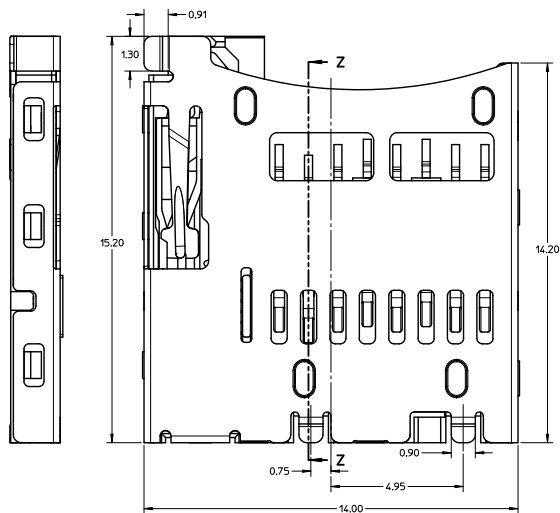
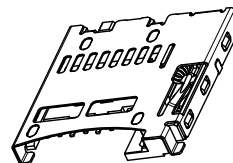
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



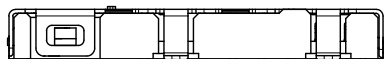
DETAIL4



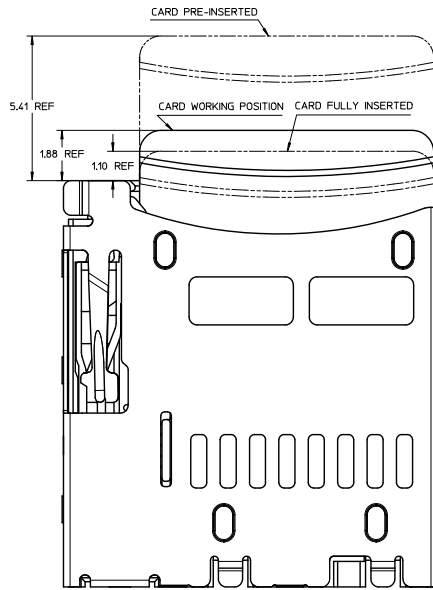
DETAIL3



SECTION Z-Z



| QUALITY SYMBOLS    |  | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE                                                |  | SCALE                    | DESIGN UNITS | THIRD ANGLE PROJECTION |  |
|--------------------|--|---------------------------------------|--|----------------------------------------------------------------|--|--------------------------|--------------|------------------------|--|
|                    |  |                                       |  | MM ONLY                                                        |  | 5:1                      | METRIC       |                        |  |
| REVISED            |  | DRAWN BY                              |  | DATE                                                           |  | TITLE                    |              |                        |  |
| EC NO: SH2012-0215 |  | GLI I                                 |  | 2012/01/05                                                     |  | TFR/MICRO SD CARD READER |              |                        |  |
| CHKD:              |  | CHECKED BY                            |  | DATE                                                           |  | PUSH PUSH TYPE           |              |                        |  |
| APPR: XJSONG       |  | APPROVED BY                           |  | DATE                                                           |  | WITHOUT DETECT PIN       |              |                        |  |
| REV                |  | XJSONG                                |  | 2012/01/16                                                     |  | MOLEX INCORPORATED       |              |                        |  |
|                    |  | MATERIAL NO.                          |  | DOCUMENT NO.                                                   |  |                          |              |                        |  |
|                    |  | 47334-0001                            |  | SD-47334-001                                                   |  |                          |              |                        |  |
|                    |  | SIZE                                  |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX |  |                          |              |                        |  |
|                    |  | A2                                    |  | INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                          |              |                        |  |



**NOTES:**

**1 MATERIAL:**

- 1-1 TERMINAL, FITTING NAIL : COPPER ALLOY.
- 1-2 SHELL, CAM PIN, SPRING : STAINLESS STEEL.
- 1-3 HOUSING : LCP, UL 94-V0, BLACK.
- 1-4 CAM: NYLON 46.

**2 FINISH:**

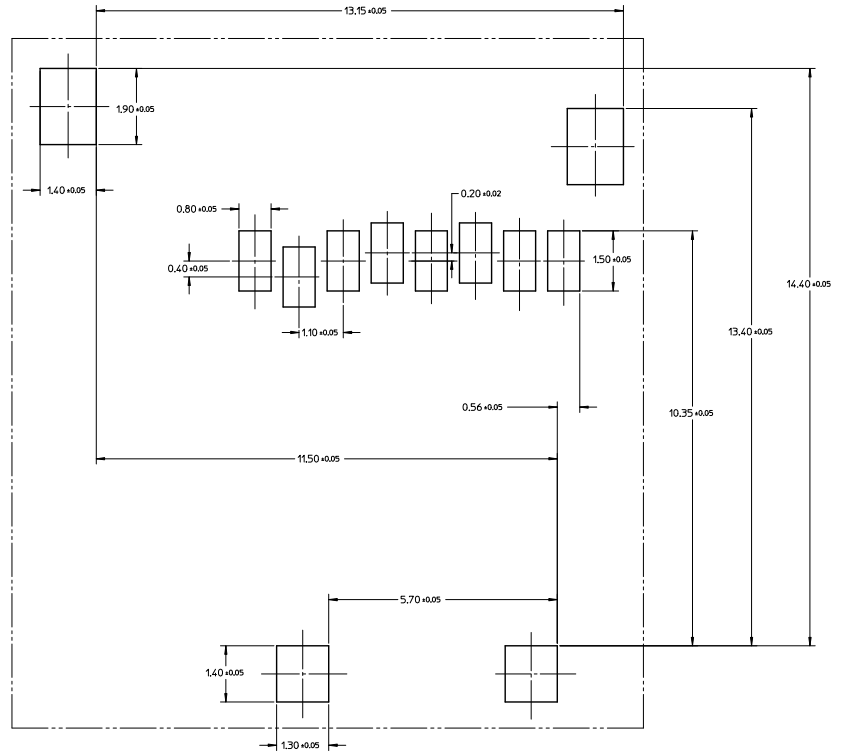
- 2-1 TERMINAL : NICKEL UNDERPLATED, GOLD PLATING ON CONTACT AREA  
TIN PLATING ON SOLDER TAIL.
- 2-2 SHELL : GOLD FLASH OVER NICKEL UNDERPLATED ON SOLDER PAD

**3 MECHANICAL SPECIFICATION:**

- REPEATED 5,000 TIMES MATING AND UNMATING CYCLES AND STILL MEET ELECTRICAL CHARACTERISTICS

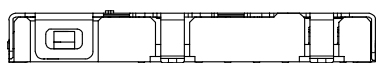
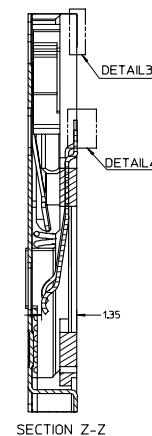
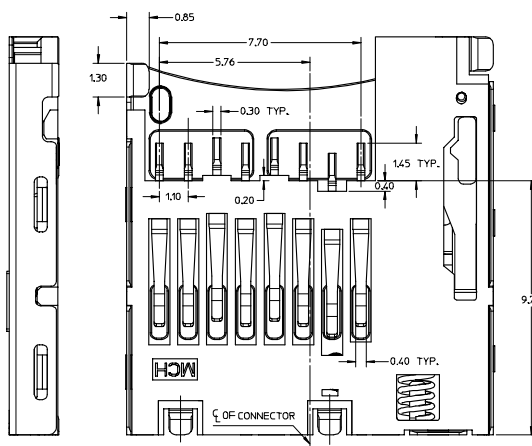
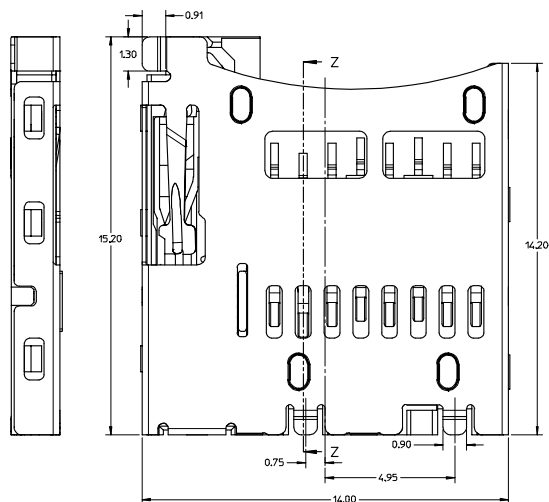
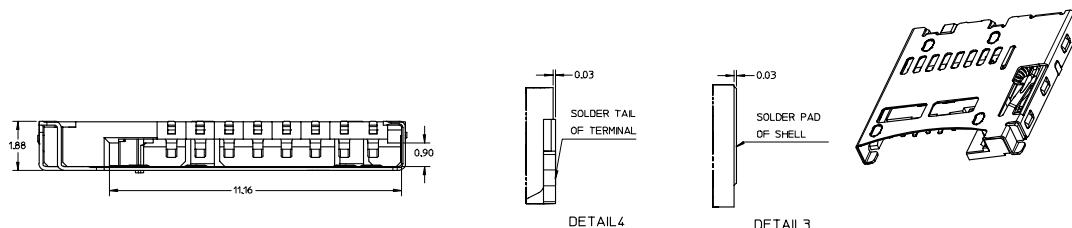
**4 ELECTRICAL SPECIFICATION:**

- 4-1 RATED CURRENT (PER CONTACT) : 0.5AMPS MAX AND TEMPERATURE RISE SHOULD BE 30°C MAX
- 4-2 INSULATION RESISTANCE(I/R) : 100 MEGOHMS MIN.
- 4-3 DIELECTRIC WITHSTANDING VOLTAGE : 500 VAC
- 4-4 CONTACT RESISTANCE: 100 MILLIOHMS MAX

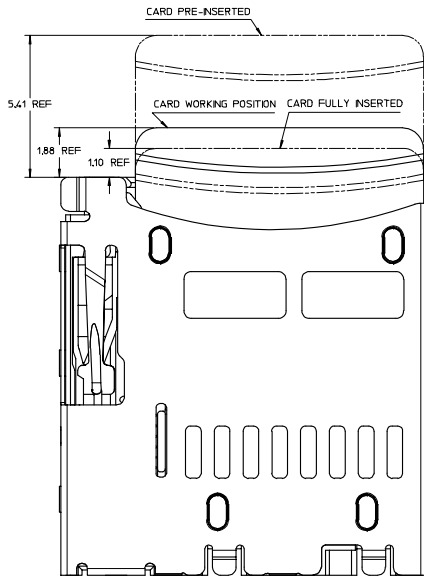


RECOMMENDED PCB LAYOUT

|                                                 |            |            |                 |                                       |                 |                                                                                                                               |             |              |                        |                                                                  |  |
|-------------------------------------------------|------------|------------|-----------------|---------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|------------------------|------------------------------------------------------------------|--|
| REVISED<br>DEC NO: SH2012-0215<br>DRAWING ID: D | 2012/01/05 | 2012/01/16 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE |                                                                                                                               | SCALE       | DESIGN UNITS | THIRD ANGLE PROJECTION |                                                                  |  |
|                                                 |            |            |                 |                                       | MM ONLY         |                                                                                                                               | 10:1        | METRIC       |                        |                                                                  |  |
|                                                 |            |            |                 |                                       |                 |                                                                                                                               | DRAWN BY    |              | DATE                   | TITLE                                                            |  |
|                                                 |            |            |                 |                                       |                 |                                                                                                                               | GL1 I       |              | 2012/01/05             |                                                                  |  |
|                                                 |            |            |                 |                                       |                 |                                                                                                                               | CHECKED BY  |              | DATE                   | TFR/MICRO SD CARD READER<br>PUSH PUSH TYPE<br>WITHOUT DETECT PIN |  |
|                                                 |            |            |                 |                                       |                 |                                                                                                                               | APPROVED BY |              | DATE                   |                                                                  |  |
|                                                 |            | XJ.SONG    |                 | 2012/01/16                            |                 | MOLEX INCORPORATED                                                                                                            |             |              |                        |                                                                  |  |
|                                                 |            |            |                 | MATERIAL NO.                          |                 | DOCUMENT NO.                                                                                                                  |             | SHEET NO.    |                        |                                                                  |  |
|                                                 |            |            |                 | 47334-0001                            |                 | SD-47334-001                                                                                                                  |             | 2 OF 2       |                        |                                                                  |  |
|                                                 |            |            |                 | SIZE                                  |                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |             |              |                        |                                                                  |  |
|                                                 |            |            |                 | A2                                    |                 |                                                                                                                               |             |              |                        |                                                                  |  |



|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|---------|--------------------|-------------|------------|----------------|------------|---------------|-------------|-------------------------------|---------------------------------------|--|-----------------|--|-------|--------------|------------------------|-------|-----------|
| REVISED | EC NO. SH2007-0499 | DRAWN: JIAO | 2007/02/12 | CHKD: XU XIANG | 2007/03/16 | APPR: JINCHEN | DESCRIPTION | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE |  | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | TITLE | SHEET NO. |
|         |                    |             |            |                |            |               |             |                               |                                       |  | MM ONLY         |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  | DATE            |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  | DATE            |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  | DATE            |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
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|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
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|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
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|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
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|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
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|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
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|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
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|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
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|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |
|         |                    |             |            |                |            |               |             |                               |                                       |  |                 |  |       |              |                        |       |           |



**NOTES:**

**1 MATERIAL:**

- 1-1 TERMINAL, FITTING NAL : COPPER ALLOY
- 1-2 SHELL, CAM PIN, SPRING : STAINLESS STEEL
- 1-3 HOUSING, CAM : LCP, UL 94-V0, BLACK

**2 FINISH:**

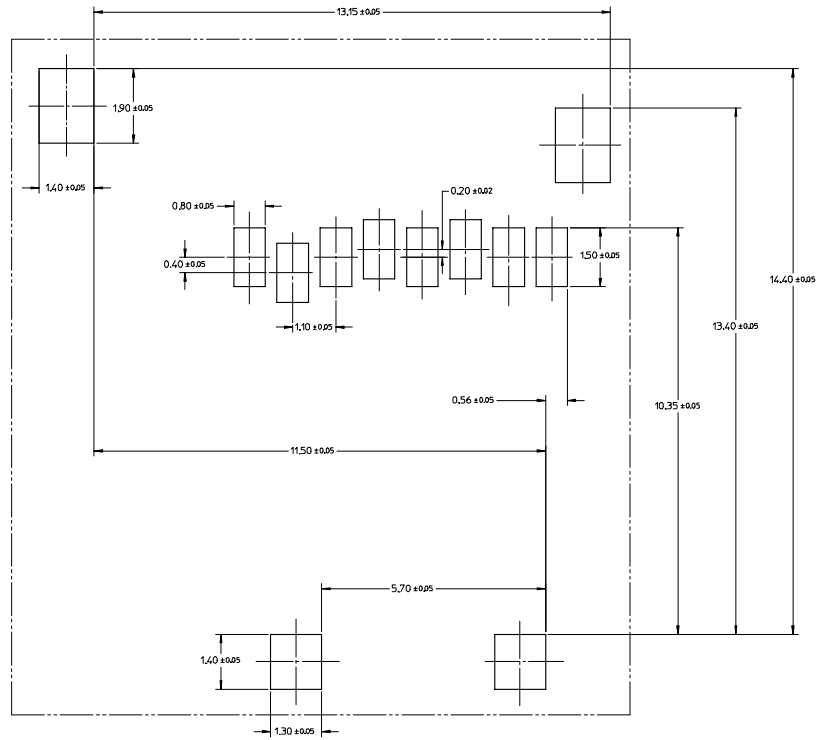
- 2-1 TERMINAL : NICKEL UNDERPLATED, GOLD PLATING ON CONTACT AREA
- TIN PLATING ON SOLDER TAIL
- 2-2 SHELL : GOLD FLASH OVER NICKEL UNDERPLATED ON SOLDER PAD

**3 MECHANICAL SPECIFICATION:**

- REPEATED 5,000 TIMES MATING AND UNMATING CYCLES AND STILL MEET ELECTRICAL CHARACTERISTICS

**4 ELECTRICAL SPECIFICATION:**

- 4-1 RATED CURRENT (PER CONTACT) : 0.5AMPS MAX AND TEMPERATURE RISE SHOULD BE 30°C MAX
- 4-2 INSULATION RESISTANCE(IIR) : 100 MEGOHMS MIN.
- 4-3 DIELECTRIC WITHSTANDING VOLTAGE : 500 VAC
- 4-4 CONTACT RESISTANCE: 100 MILLIOHMS MAX



RECOMMENDED PCB LAYOUT

|                                                      |                    |            |                                                      |            |                 |                                                                                                                                      |  |                          |        |           |              |                        |  |
|------------------------------------------------------|--------------------|------------|------------------------------------------------------|------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|--------|-----------|--------------|------------------------|--|
| REVISED                                              | EC NO. SH2007-0499 | 2007/02/12 | DRAWING: ZHOU<br>CHECKED: XIANG<br>APPROVED: JINCHEN | 2007/03/16 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                |  | DIMENSION STYLE          |        | SCALE     | DESIGN UNITS | THIRD ANGLE PROJECTION |  |
|                                                      |                    |            |                                                      |            |                 | MM ONLY                                                                                                                              |  | 10:1                     | METRIC |           |              |                        |  |
|                                                      |                    |            |                                                      |            |                 | DRAWN BY DATE                                                                                                                        |  | TITLE                    |        |           |              |                        |  |
|                                                      | mm INCH            |            |                                                      |            |                 | XIXU 2006/03/25                                                                                                                      |  | TFR&MICRO SD CARD READER |        |           |              |                        |  |
|                                                      | 4 PLACES +--- +--- |            |                                                      |            |                 | CHECKED BY DATE                                                                                                                      |  | PUSH PUSH TYPE           |        |           |              |                        |  |
|                                                      | 3 PLACES +--- +--- |            |                                                      |            |                 | XIXU 2006/03/28                                                                                                                      |  | WITHOUT DETECT SWITCH    |        |           |              |                        |  |
|                                                      | 2 PLACES +--- +--- |            |                                                      |            |                 | APPROVED BY DATE                                                                                                                     |  | MOLEX MOLEX INCORPORATED |        |           |              |                        |  |
|                                                      | 1 PLACE +--- +---  |            |                                                      |            |                 | JINCHEN 2006/03/29                                                                                                                   |  |                          |        |           |              |                        |  |
|                                                      | ANGULAR ±1/2°      |            |                                                      |            |                 | MATERIAL NO.                                                                                                                         |  | DOCUMENT NO.             |        | SHEET NO. |              |                        |  |
|                                                      |                    |            |                                                      |            |                 | 473340001                                                                                                                            |  | SD-47334-001             |        | 2 OF 2    |              |                        |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                    |            |                                                      |            |                 | SIZE A THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                          |        |           |              |                        |  |