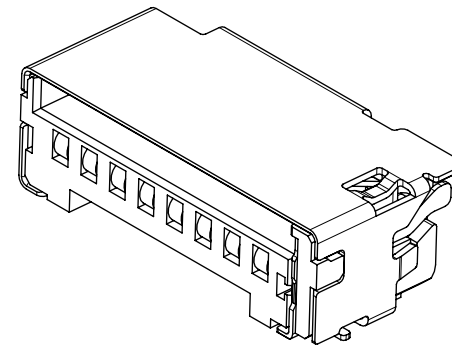
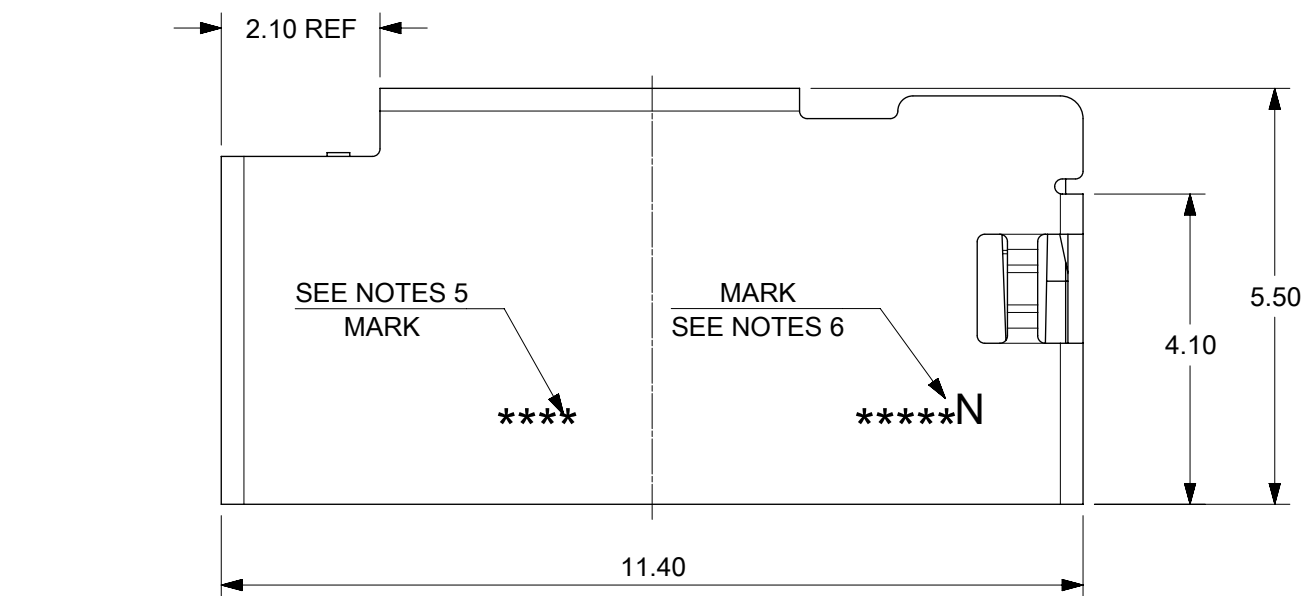




- NOTES:

1. MATERIAL:

1-1 HOUSING: LCP, 30% G/F, UL 94V-0, BLACK

1-2 SIGNAL TERMINAL AND DETECT TERMINAL: PHOSPHOR BRONZE

1-3 METAL SHELL: STAINLESS STEEL

2. FINISH:

2-1 SIGNAL TERMINAL: 1.25 MICRON NICKEL MIN UNDER-PLATED,  
CONTACT AREA SEE TABLE, GOLD FLASH ON SOLDER AREA.

2-2 METAL SHELL: GOLD FLASH PLATED OVER NICKEL ON SOLDER AREA.

2-3 DETECT PIN: 1.25 MICRON NICKEL MIN UNDER-PLATED,  
GOLD FLASH ON CONTACT AREA, TIN PLATED ON SOLDER AREA.

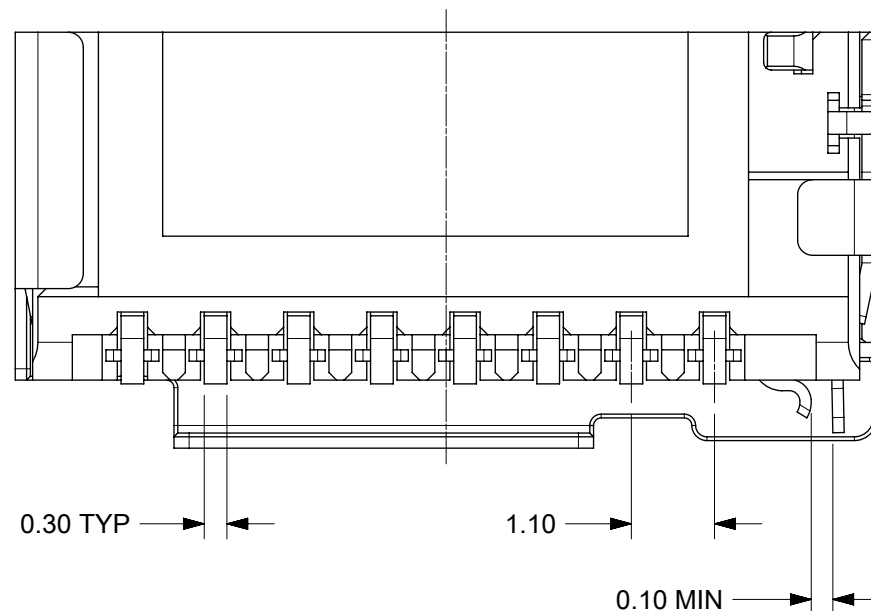
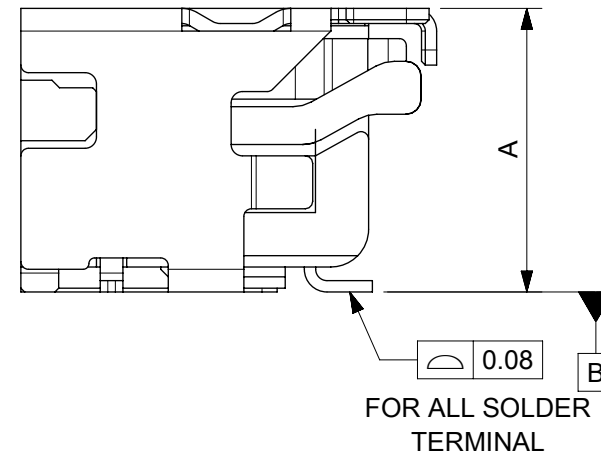
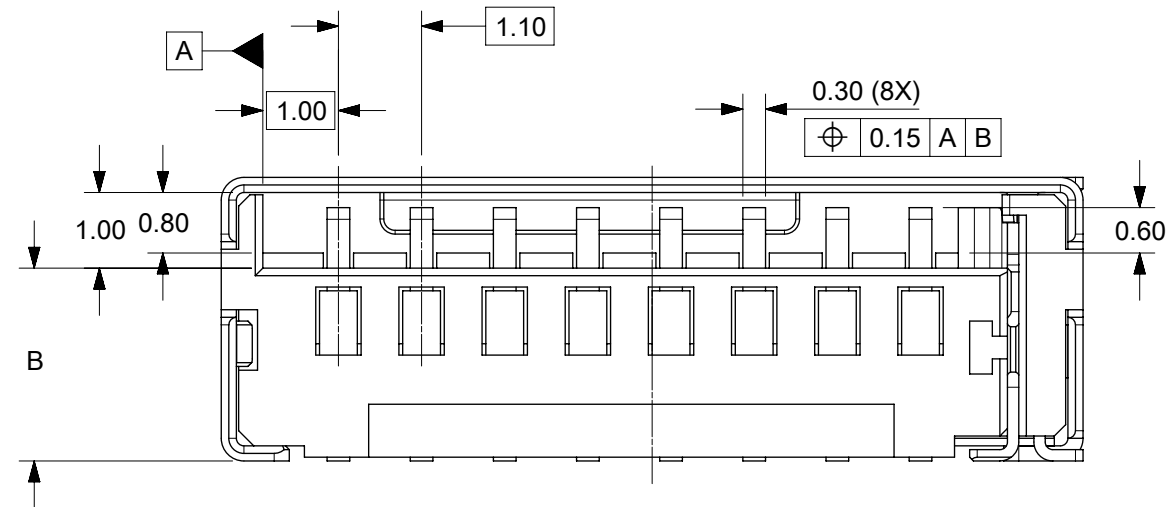
### 3. PRODUCT SPECIFICATION: PS-47309-001.

4. PACKAGE SPECIFICATION: SEE TABLE.

5. THE FIRST "\*" MEANS THE MANUFACTURE YEAR, THE FOLLOW "\*\*\*\*" MEANS THE MANUFACTUR DAY. FOR EXAMPLE "2006/01/02" SHOULD BE "6002".

6. THE FIRST "\*\*\*\*" SHOW THE LAST FOUR NUMBER OF P/N, THE FIFTH "\*" IS SHIFT IDENTIFY CODE "A, B, C", THE LAST "N" MEANS THE CUSTOMER VERSION.

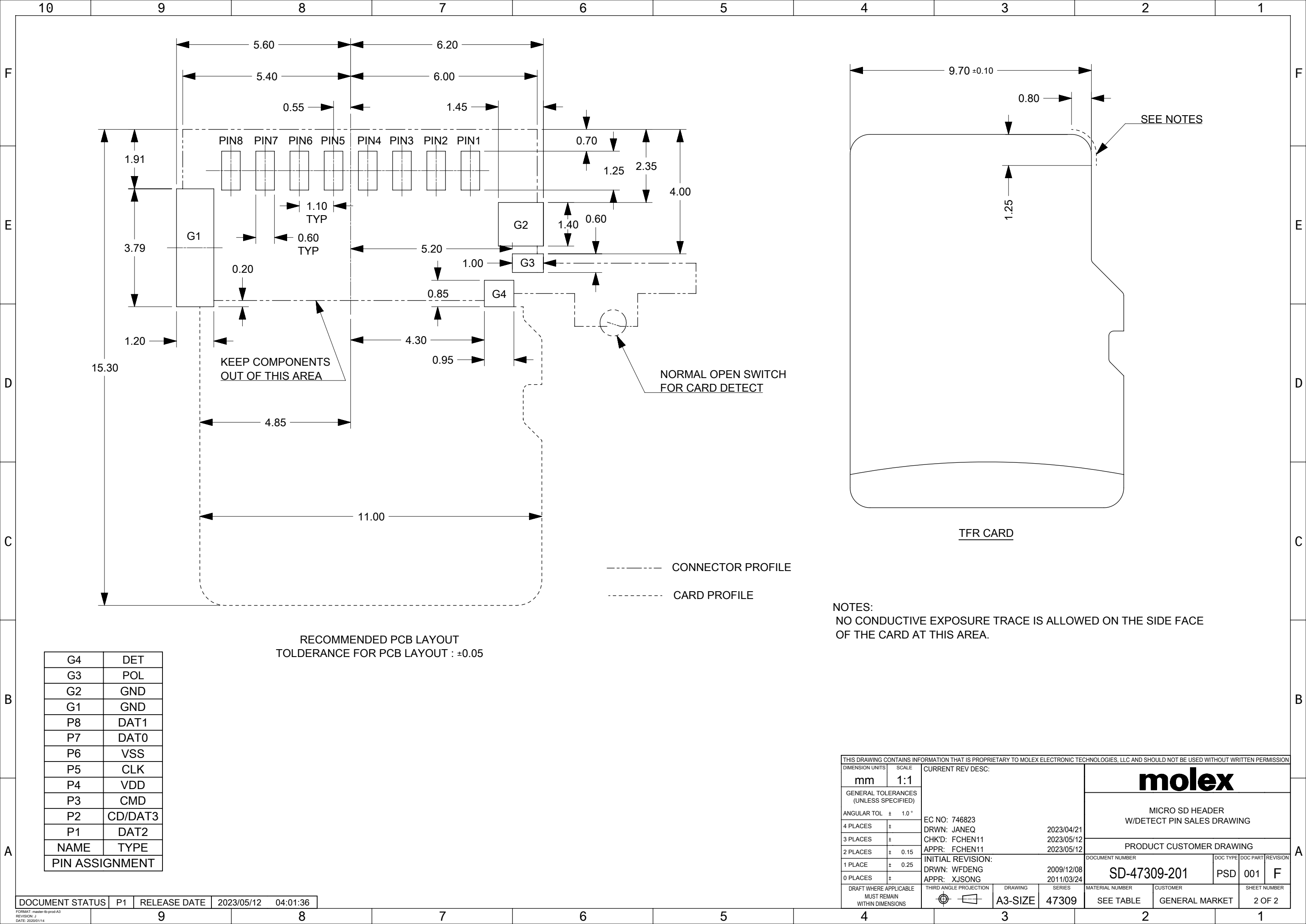
7. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.



|             |       |       |                       |                       |
|-------------|-------|-------|-----------------------|-----------------------|
| 47309-8375  | 3.75  | 2.55  | 0.1 MICRON MIN. GOLD  | PK-47309-375          |
| 47309-8355  | 3.55  | 2.35  | 0.1 MICRON MIN. GOLD  | PK-47309-335          |
| 47309-8335  | 3.35  | 2.15  | 0.1 MICRON MIN. GOLD  |                       |
| 47309-2285  | 2.85  | 1.65  | 0.76 MICRON MIN. GOLD | PK-47309-266          |
| 47309-8265  |       |       | 0.1 MICRON MIN. GOLD  |                       |
| 47309-8265  | 2.65  | 1.45  | 0.1 MICRON MIN. GOLD  |                       |
| PART NUMBER | DIM A | DIM B | CONTACT AREA PLATING  | PACKAGE SPECIFICATION |

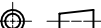
|                                                                                                                                               |       |                           |  |         |                                                                                                   |  |                |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------|--|---------|---------------------------------------------------------------------------------------------------|--|----------------|--------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |                           |  |         |                                                                                                   |  |                |              |
| DIMENSION UNITS                                                                                                                               | SCALE | CURRENT REV DESC:         |  |         | <div style="text-align: center;"> </div>                                                          |  |                |              |
| mm                                                                                                                                            | 10:1  |                           |  |         |                                                                                                   |  |                |              |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |       |                           |  |         | <div style="text-align: center;"> <p>MICRO SD HEADER</p> <p>W/DETECT PIN SALES DRAWING</p> </div> |  |                |              |
| ANGULAR TOL ± 1.0°                                                                                                                            |       |                           |  |         |                                                                                                   |  |                |              |
| 4 PLACES ±                                                                                                                                    |       |                           |  |         |                                                                                                   |  |                |              |
| 3 PLACES ±                                                                                                                                    |       | EC NO: 746823             |  |         | PRODUCT CUSTOMER DRAWING                                                                          |  |                |              |
|                                                                                                                                               |       | DRWN: JANEQ 2023/04/21    |  |         |                                                                                                   |  |                |              |
| 2 PLACES ± 0.15                                                                                                                               |       | CHK'D: FCHEN11 2023/05/12 |  |         |                                                                                                   |  |                |              |
| 1 PLACE ± 0.25                                                                                                                                |       | APPR: FCHEN11 2023/05/12  |  |         | DOCUMENT NUMBER<br>SD-47309-201                                                                   |  |                |              |
| 0 PLACES ±                                                                                                                                    |       |                           |  |         |                                                                                                   |  |                |              |
|                                                                                                                                               |       |                           |  |         |                                                                                                   |  |                |              |
| INITIAL REVISION:                                                                                                                             |       |                           |  |         | DOC TYPE DOC PART REVISION                                                                        |  |                |              |
| DRWN: WFDENG 2009/12/08                                                                                                                       |       | THIRD ANGLE PROJECTION    |  |         | PSD 001 F                                                                                         |  |                |              |
| APPR: XJSONG 2011/03/24                                                                                                                       |       | DRAWING SERIES            |  |         |                                                                                                   |  |                |              |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |       |                           |  | A3-SIZE | MATERIAL NUMBER                                                                                   |  | CUSTOMER       | SHEET NUMBER |
|                                                                                                                                               |       |                           |  | 47309   | SEE TABLE                                                                                         |  | GENERAL MARKET | 1 OF 2       |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 | 04:01:36 |
|-----------------|----|--------------|------------|----------|



|                |         |
|----------------|---------|
| G4             | DET     |
| G3             | POL     |
| G2             | GND     |
| G1             | GND     |
| P8             | DAT1    |
| P7             | DAT0    |
| P6             | VSS     |
| P5             | CLK     |
| P4             | VDD     |
| P3             | CMD     |
| P2             | CD/DAT3 |
| P1             | DAT2    |
| NAME           | TYPE    |
| PIN ASSIGNMENT |         |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/12 | 04:01:36 |
|-----------------|----|--------------|------------|----------|

|                                                                                                                                               |  |                                                                                                                 |  |                    |                                               |                              |                  |                            |               |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|--------------------|-----------------------------------------------|------------------------------|------------------|----------------------------|---------------|------------------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                                                                 |  |                    |                                               |                              |                  |                            |               |                        |
| DIMENSION UNITS                                                                                                                               |  | SCALE                                                                                                           |  | CURRENT REV DESC:  |                                               |                              | <div>molex</div> |                            |               |                        |
| mm                                                                                                                                            |  | 1:1                                                                                                             |  |                    |                                               |                              |                  |                            |               |                        |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  | EC NO: 746823<br>DRWN: JANEQ 2023/04/21<br>CHK'D: FCHEN11 2023/05/12<br>APPR: FCHEN11 2023/05/12                |  |                    | MICRO SD HEADER<br>W/DETECT PIN SALES DRAWING |                              |                  |                            |               |                        |
| ANGULAR TOL ± 1.0°                                                                                                                            |  |                                                                                                                 |  |                    |                                               |                              |                  |                            |               |                        |
| 4 PLACES ±                                                                                                                                    |  |                                                                                                                 |  |                    | PRODUCT CUSTOMER DRAWING                      |                              |                  |                            |               |                        |
| 3 PLACES ±                                                                                                                                    |  |                                                                                                                 |  |                    |                                               |                              |                  |                            |               |                        |
| 2 PLACES ± 0.15                                                                                                                               |  |                                                                                                                 |  |                    |                                               |                              |                  |                            |               |                        |
| 1 PLACE ± 0.25                                                                                                                                |  |                                                                                                                 |  |                    |                                               |                              |                  |                            |               |                        |
| 0 PLACES ±                                                                                                                                    |  | INITIAL REVISION:<br>DRWN: WFDENG 2009/12/08<br>APPR: XJSONG 2011/03/24                                         |  |                    | DOCUMENT NUMBER<br>SD-47309-201               |                              | DOC TYPE<br>PSD  | DOC PART<br>001            | REVISION<br>F |                        |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  | THIRD ANGLE PROJECTION<br> |  | DRAWING<br>A3-SIZE | SERIES<br>47309                               | MATERIAL NUMBER<br>SEE TABLE |                  | CUSTOMER<br>GENERAL MARKET |               | SHEET NUMBER<br>2 OF 2 |