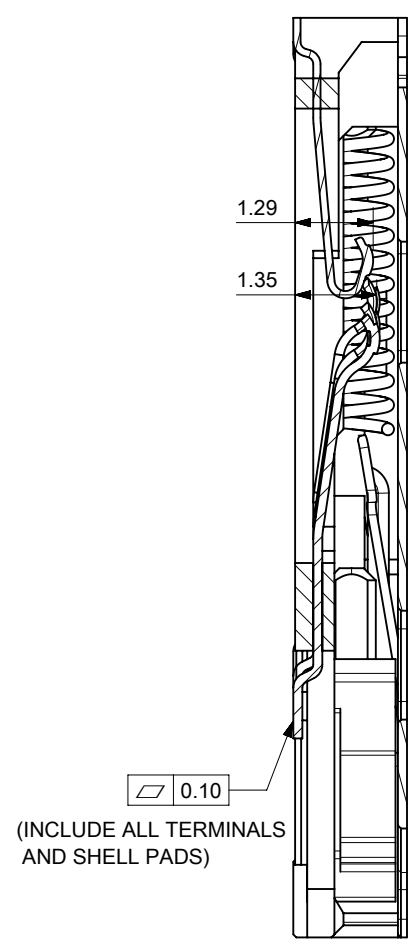
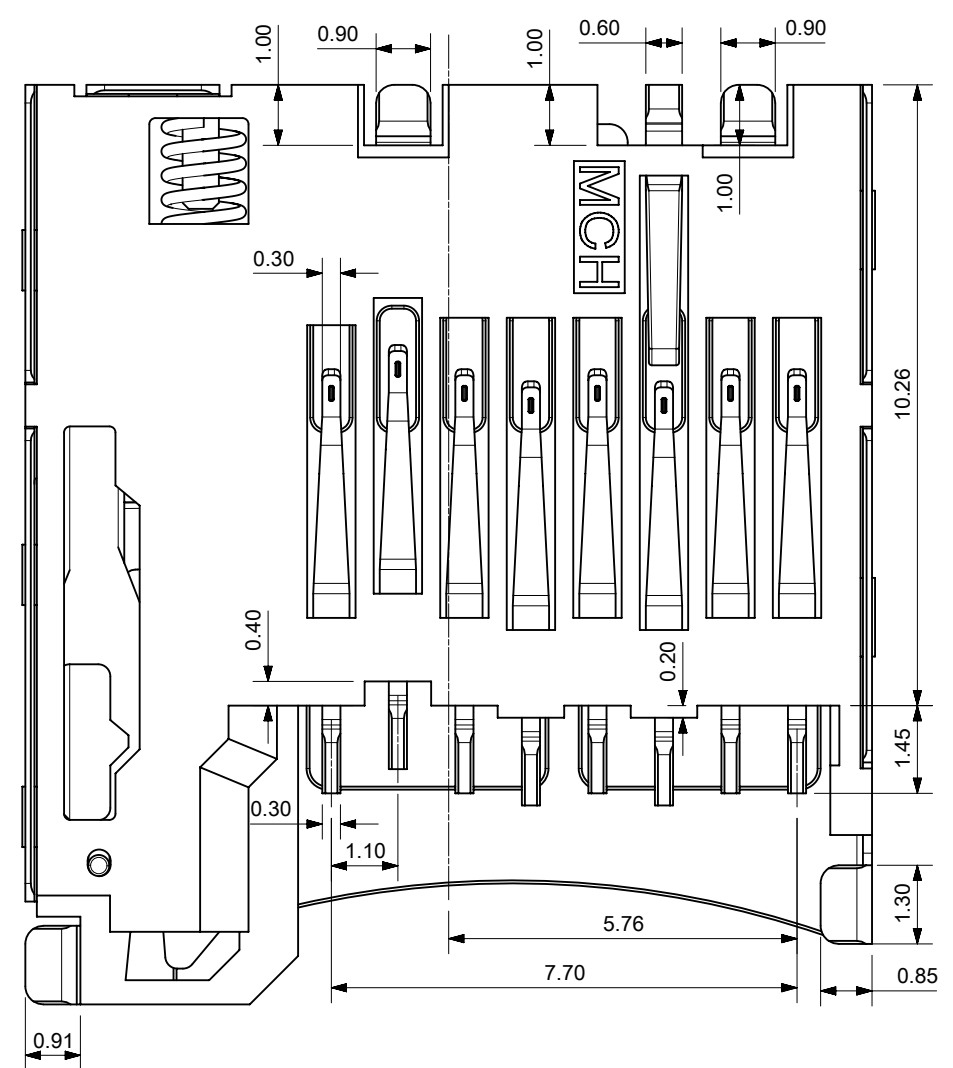
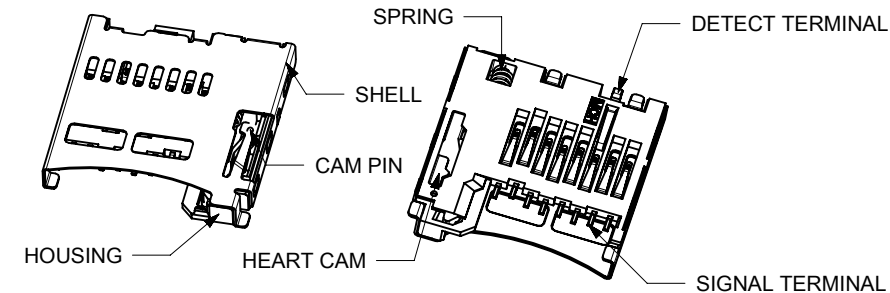
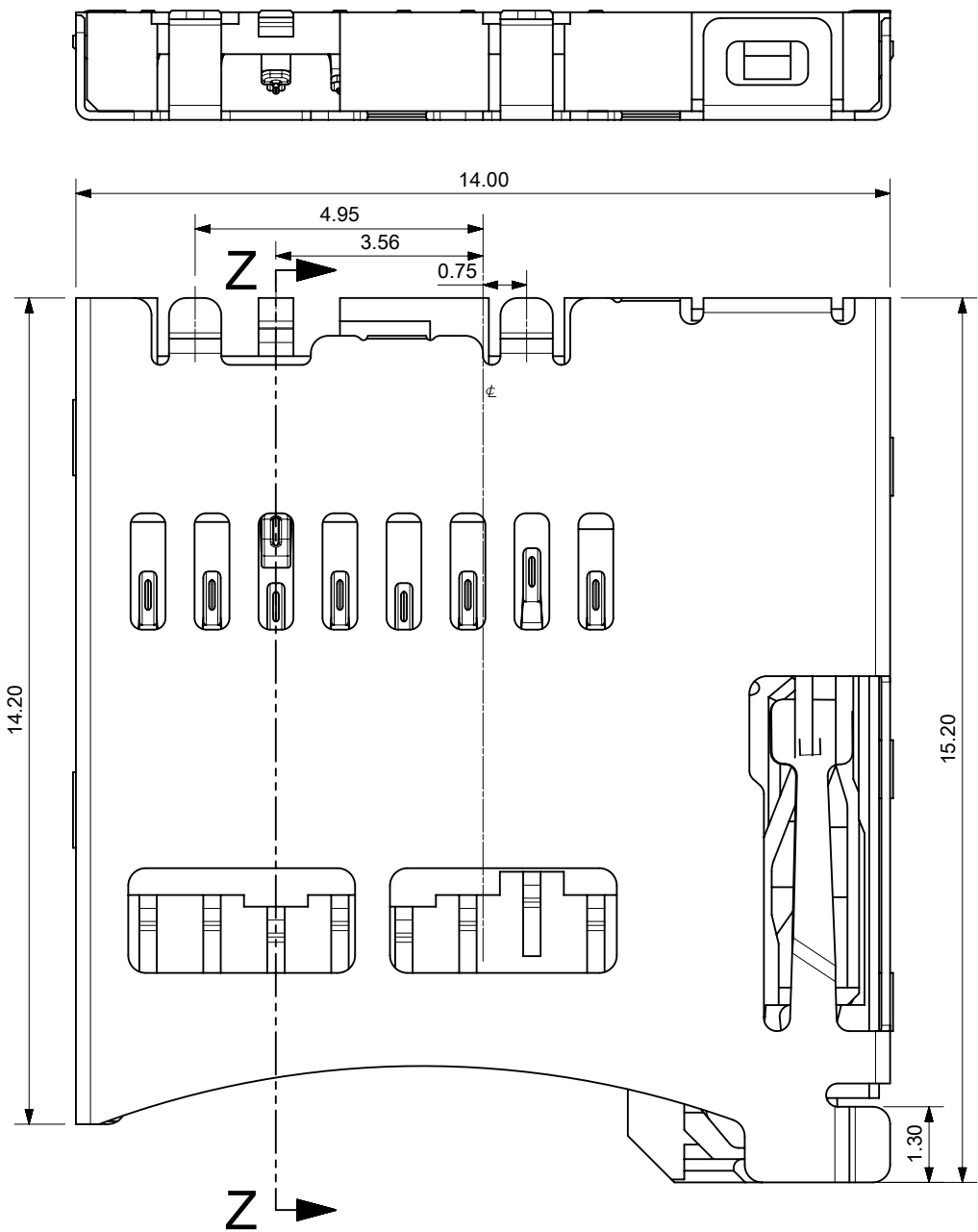
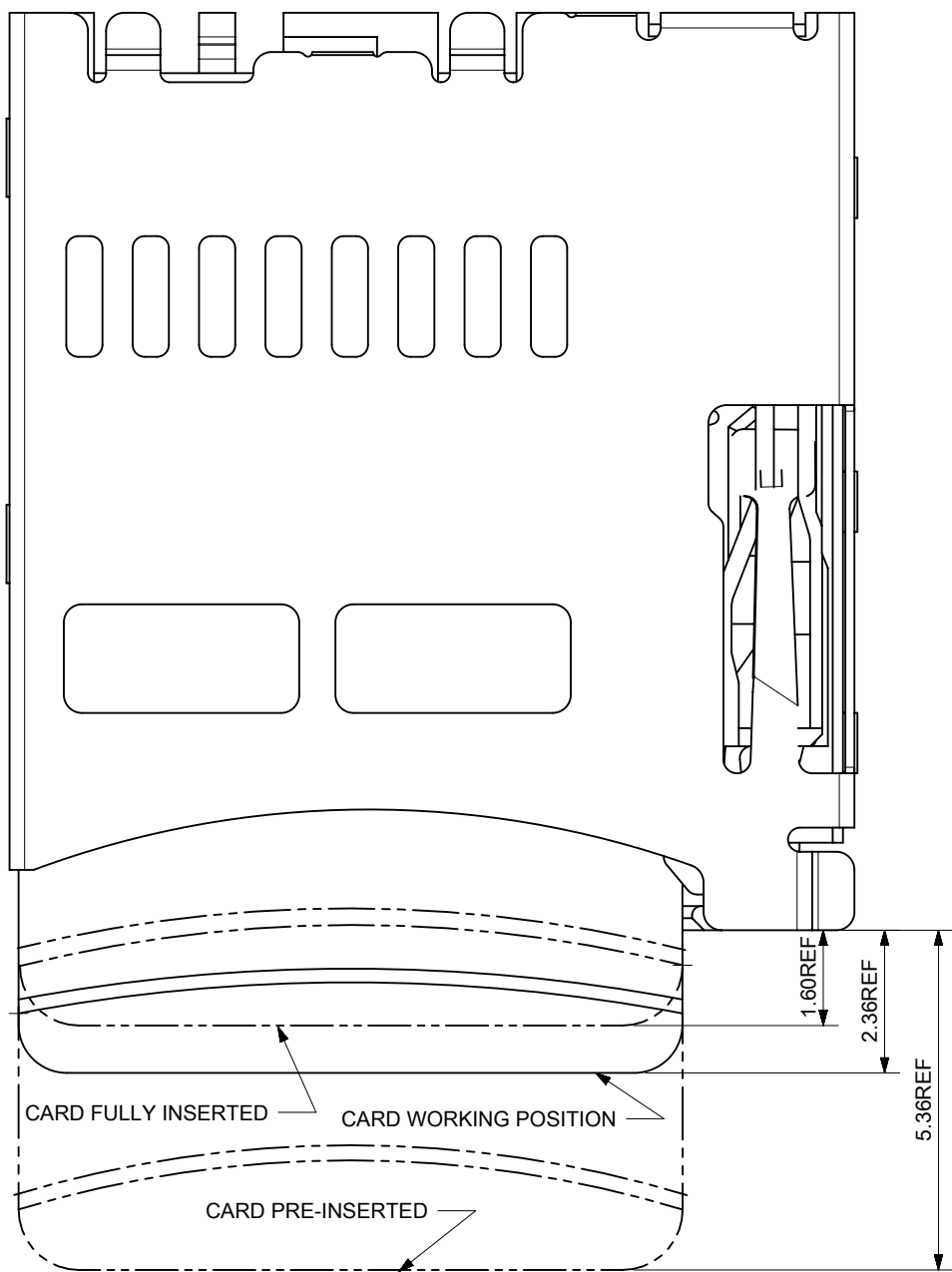




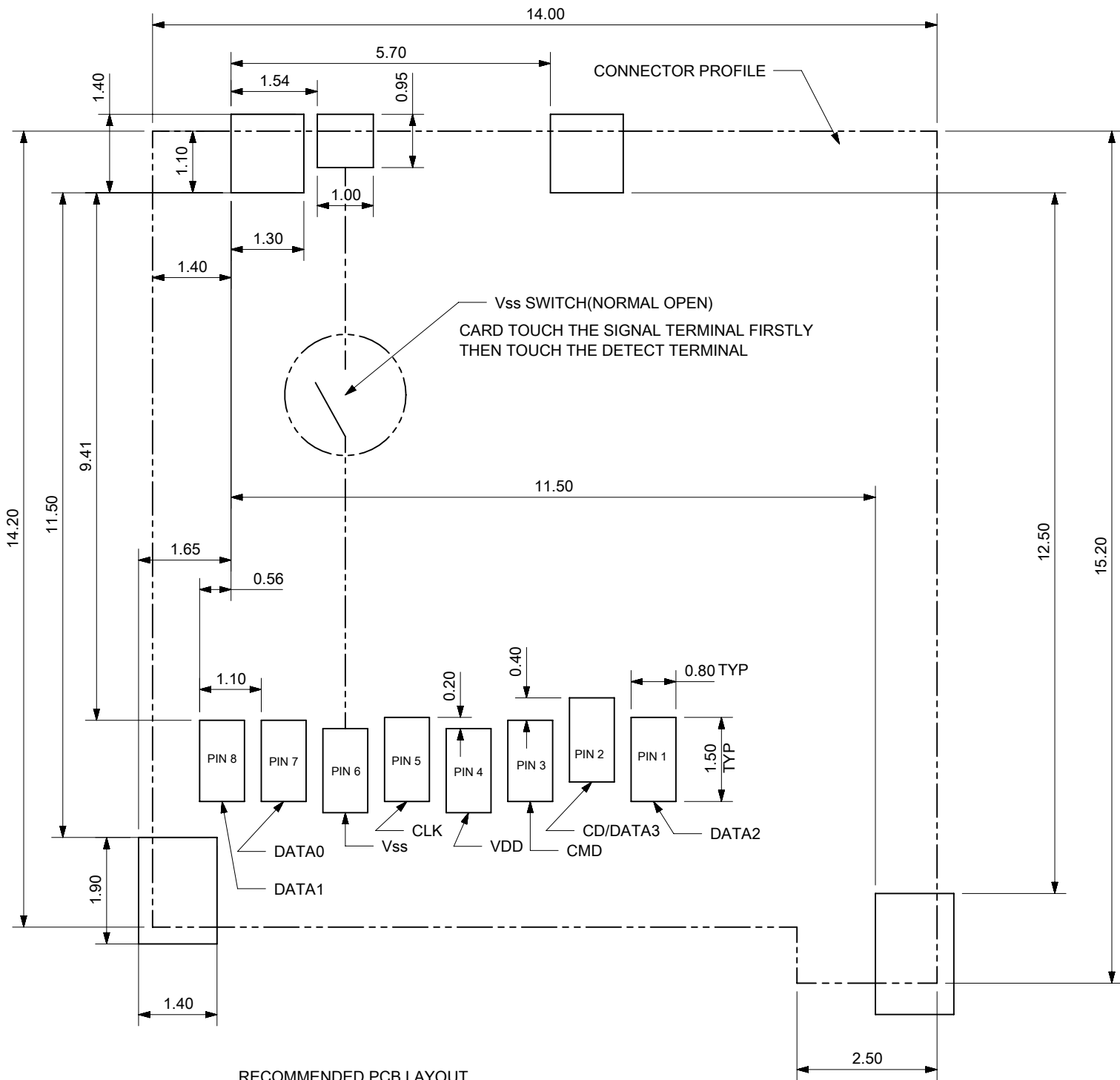
SECTION Z-Z

| SYMBOLS                                                                                                                                       |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |  |  |  |  |  |  |  |
| CURRENT REV DESC:                                                                                                                             |  |  |  |  |  |  |  |  |  |
| EC NO: 634145                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| DRWN: MGLEI 2019/11/01                                                                                                                        |  |  |  |  |  |  |  |  |  |
| CHK'D: XQZHANG 2020/12/14                                                                                                                     |  |  |  |  |  |  |  |  |  |
| APPR: XQZHANG 2020/12/14                                                                                                                      |  |  |  |  |  |  |  |  |  |
| INITIAL REVISION:                                                                                                                             |  |  |  |  |  |  |  |  |  |
| DRWN: GLLI 2012/06/13                                                                                                                         |  |  |  |  |  |  |  |  |  |
| APPR: AYIN 2012/08/01                                                                                                                         |  |  |  |  |  |  |  |  |  |
| THIRD ANGLE PROJECTION                                                                                                                        |  |  |  |  |  |  |  |  |  |
| DRAWING                                                                                                                                       |  |  |  |  |  |  |  |  |  |
| SERIES                                                                                                                                        |  |  |  |  |  |  |  |  |  |
| MATERIAL NUMBER                                                                                                                               |  |  |  |  |  |  |  |  |  |
| CUSTOMER                                                                                                                                      |  |  |  |  |  |  |  |  |  |
| SHEET NUMBER                                                                                                                                  |  |  |  |  |  |  |  |  |  |
| A3-SIZE 47352                                                                                                                                 |  |  |  |  |  |  |  |  |  |
| 473521001 GENERAL MARKET 1 OF 2                                                                                                               |  |  |  |  |  |  |  |  |  |

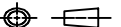
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|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2020/12/14 | 07:16:42 |
|-----------------|----|--------------|------------|----------|



- NOTES:
- 1.MATERIAL:
- 1-1.SIGNAL TERMINAL,DETECT TERMINAL:COPPER ALLOY
- 1-2.SHELL,CAM PIN,SPRING:STAINLESS STEEL
- 1-3.HOUSING,CAM:LCP,UL94V-0,BLACK
- 2.FINISH:
- 2-1.SIGNAL TERMINAL:NICKEL(1.25 MICRONS MINIMUM)UNDERPLATED, GOLD(0.5 MICRONS MINIMUM)PLATING ON CONTACT AREA  
TIN(2.5 MICRONS MINIMUM)PLATING ON SOLDER TAIL
- 2-2.DETECT PIN:NICKEL(1.25 MICRONS MINIMUM)UNDERPLATED,GOLD(0.125 MICRONS MINIMUM)PLATING ON CONTACT AREA  
TIN(2.5 MICRONS MINIMUM)PLATING ON SOLDER TAIL
- 2-3.SHELL:GOLD FLASH(0.025 MICRONS MINIMUM)OVER NICKEL (1.25 MICRONS MINIMUM)UNDERPLATED ON SOLDER PAD
- 3.MECHANICAL SPECIFICATION:
- REPEATED 5000TIMES 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  
RECOMMENDED STENCIL THICKNESS: 0.12MM  
TOLERANCE FOR LAYOUT DIMENSIONS:±0.05

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|-----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------|---|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------|--------|-----------------|----------------|--------------|--|--|--|
| SYMBOLS                                                                                                                                       |  | DIMENSION UNITS                                      |   | SCALE |                                                                                                                                                                                                                   | CURRENT REV DESC: |         |        |                 |                |              |  |  |  |
|  = 0                                                     |  | mm                                                   |   | 8:1   | <div></div> <div>TFR&amp;MICRO SD CARD READER<br/>PUSH PUSH TYPE VSS DETECT SWITCH</div> <div>PRODUCT CUSTOMER DRAWING</div> |                   |         |        |                 |                |              |  |  |  |
|  = 0                                                     |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                |   |       |                                                                                                                                                                                                                   |                   |         |        |                 |                |              |  |  |  |
|  = 0                                                     |  | ANGULAR TOL ± 3.0 °                                  |   |       |                                                                                                                                                                                                                   |                   |         |        |                 |                |              |  |  |  |
|  = 0                                                     |  | 4 PLACES                                             | ± |       |                                                                                                                                                                                                                   |                   |         |        |                 |                |              |  |  |  |
|  = 0                                                     |  | 3 PLACES                                             | ± |       |                                                                                                                                                                                                                   |                   |         |        |                 |                |              |  |  |  |
|  = 0                                                     |  | 2 PLACES                                             | ± | 0.15  |                                                                                                                                                                                                                   |                   |         |        |                 |                |              |  |  |  |
|  = 0                                                     |  | 1 PLACE                                              | ± |       | INITIAL REVISION:                                                                                                                                                                                                 |                   |         |        |                 |                |              |  |  |  |
|  = 0                                                     |  | 0 PLACES                                             | ± |       | DRWN: GLLI 2012/06/13<br>APPR: AYIN 2012/08/01                                                                                                                                                                    |                   |         |        |                 |                |              |  |  |  |
|  = 0                                                     |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |   |       | THIRD ANGLE PROJECTION                                                                                                                                                                                            |                   | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER       | SHEET NUMBER |  |  |  |
|  = 0                                                     |  |                                                      |   |       |                                                                                                                              |                   | A3-SIZE | 47352  | 473521001       | GENERAL MARKET | 2 OF 2       |  |  |  |

molex

TFR&MICRO SD CARD READER  
PUSH PUSH TYPE VSS DETECT SWITCH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER  
SD-47352-101

DOC TYPE  
PSD

DOC PART  
001

REVISION  
L