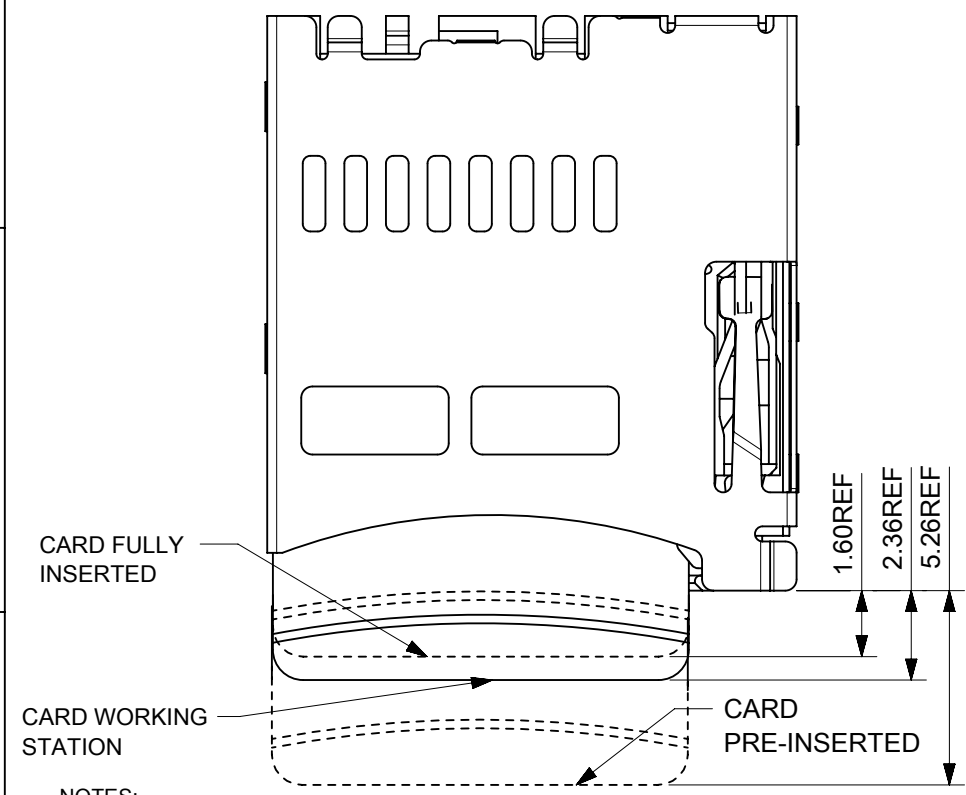
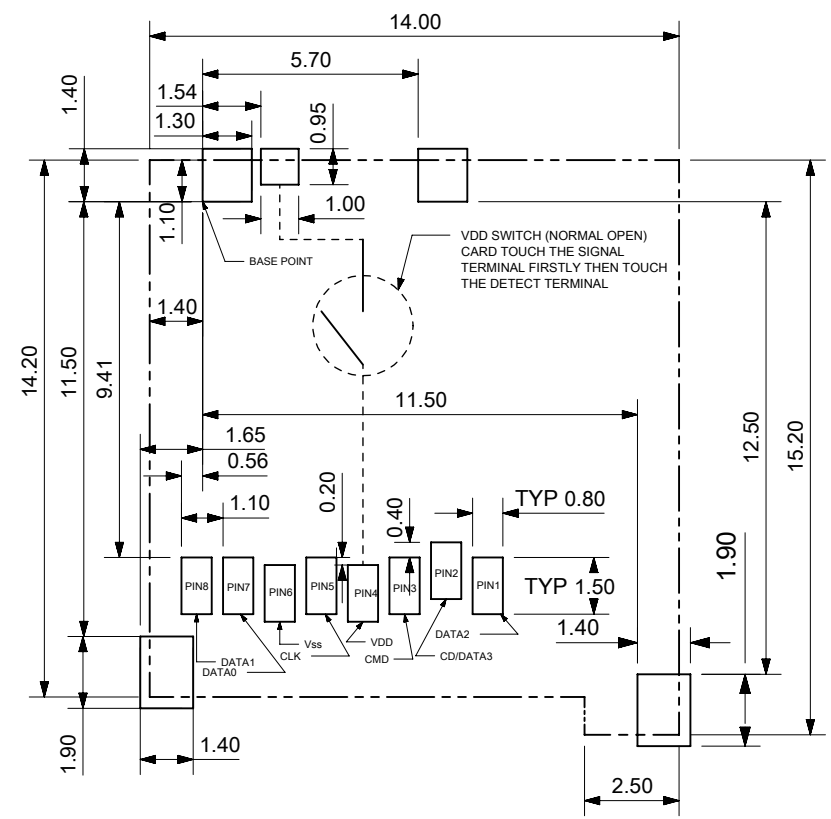


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

EC NO: 634145 DRWN: MGLEI CHKD: XQZHANG APPR: XQZHANG	2019/11/01	GENERAL TOLERANCES (UNLESS SPECIFIED)  ANGULAR TOL ± 0.5 °  4 PLACES ± 3 PLACES ± 2 PLACES ± 0.15 1 PLACE ± 0 PLACES ±  DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS	SCALE				
	2020/12/14		mm	20:1				
	2020/12/14		DRWN BY	DATE	TFR&MICRO SD READER PUSH PUSH TYPE VDD DETECT SWITCH			
			GLLI	2012/07/10				
H REV			CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING			
			XQZHANG	2015/11/23				
			APP'R BY	DATE	SERIES	MATERIAL NUMBER	CUSTOMER	
			AYIN	2012/08/01	47352	473520001	GENERAL MARKET	
			DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
			B		SD-47352-001	PSD	001	1 OF 2



- 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 UNDERPLATED, GOLD PLATING ON CONTACT AREA  
TIN PLATING ON SOLDER TAIL
    - 2-2.DETECT PIN:NICKEL UNDERPLATED,GOLD PLATING ON CONTACT AREA  
TIN PLATING ON SOLDER TAIL
    - 2-3.SHELL:GOLD FLASH OVER NICKEL 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

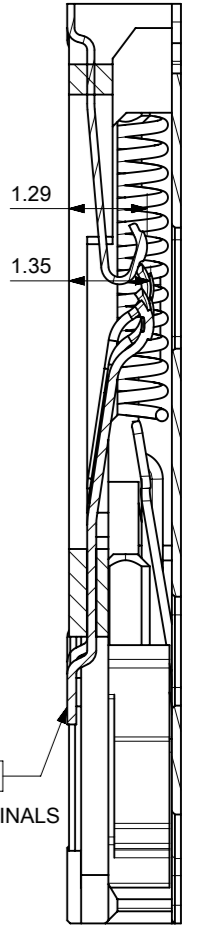
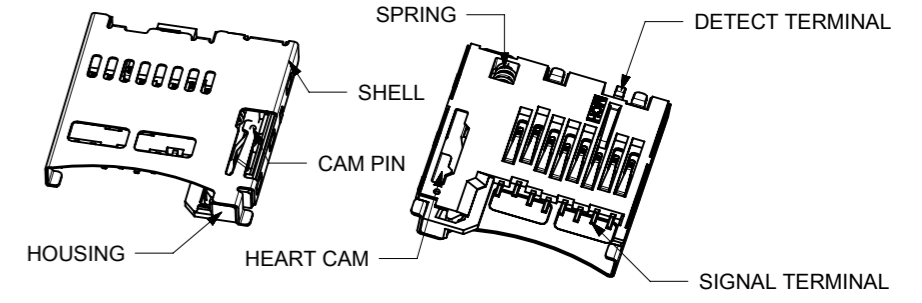
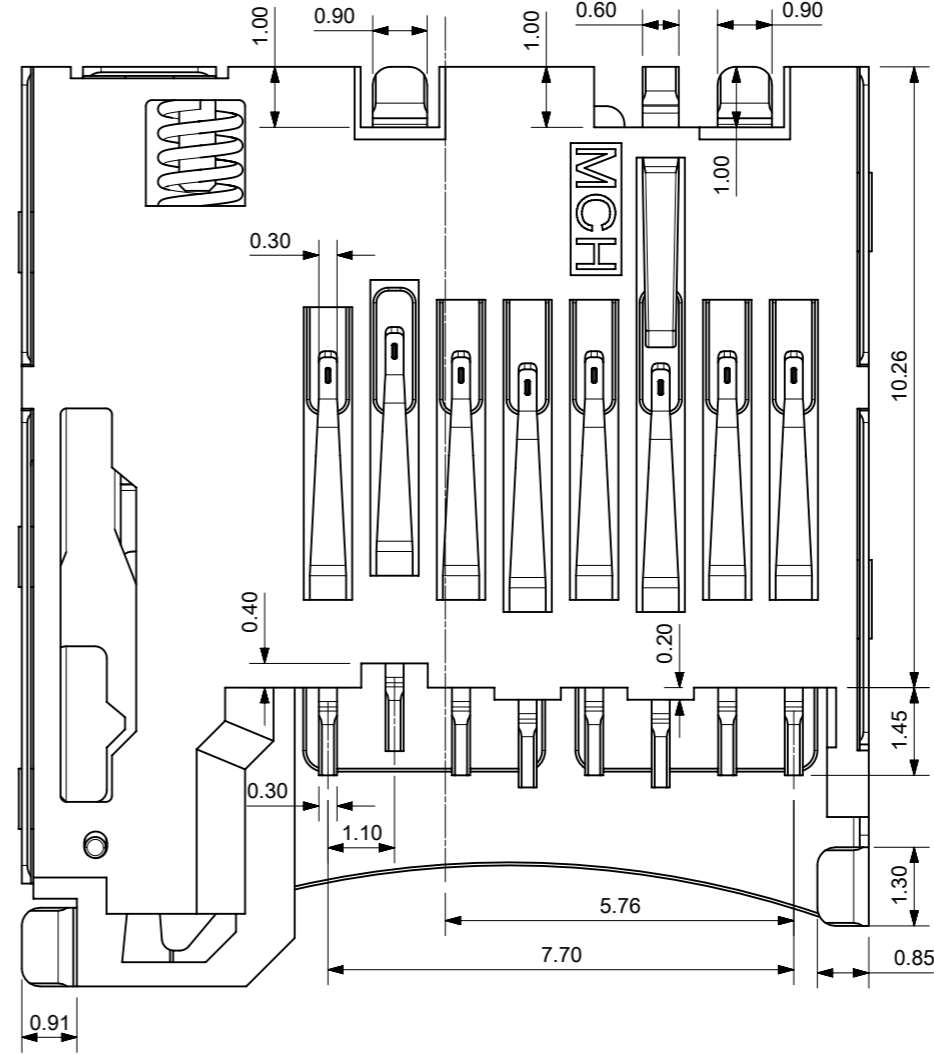
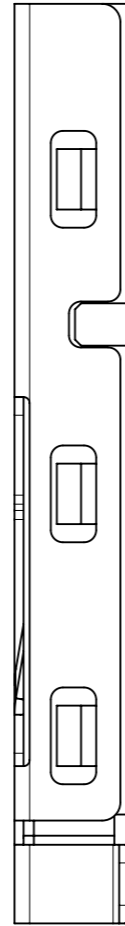
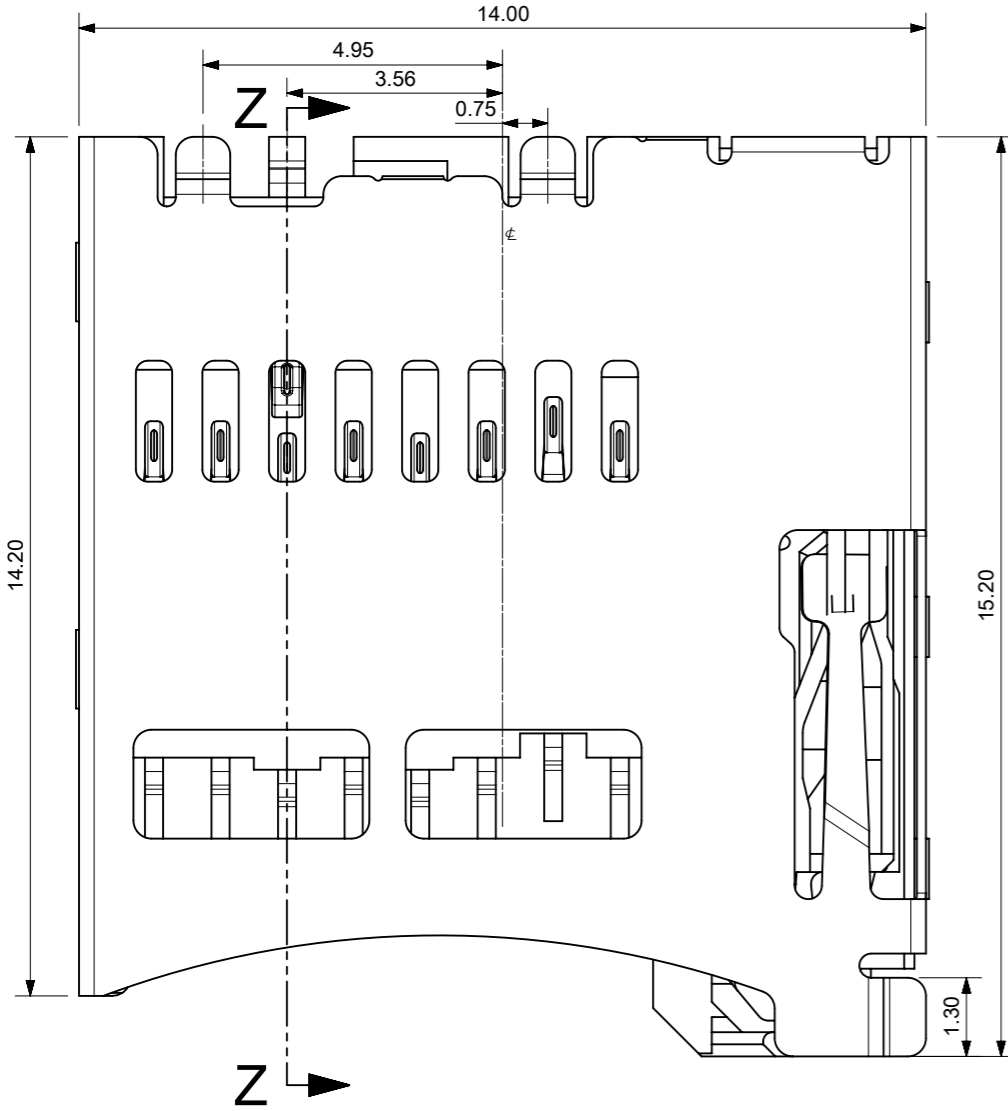
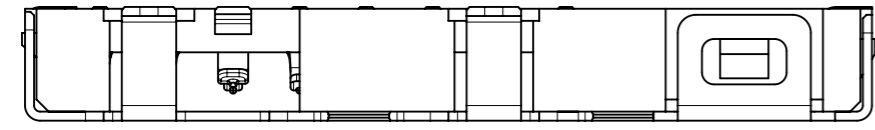
DOCUMENT STATUS	P1	RELEASE DATE	2020/12/14	07:16:42
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:					
mm		8:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 634145					
ANGULAR TOL ± 0.5°				DRWN: MGLEI 2019/11/01					
4 PLACES ±				CHK'D: XQZHANG 2020/12/14					
3 PLACES ±				APPR: XQZHANG 2020/12/14					
2 PLACES ± 0.15				INITIAL REVISION:					
1 PLACE ±				DRWN: GLLI 2012/07/10					
0 PLACES ±				APPR: AYIN 2012/08/01					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
		A4-SIZE		47352		SD-47352-001		CUSTOMER	
						GENERAL MARKET		SHEET NUMBER	
								2 OF 2	

TFR&MICRO SD READER  
PUSH PUSH TYPE VDD DETECT SWITCH

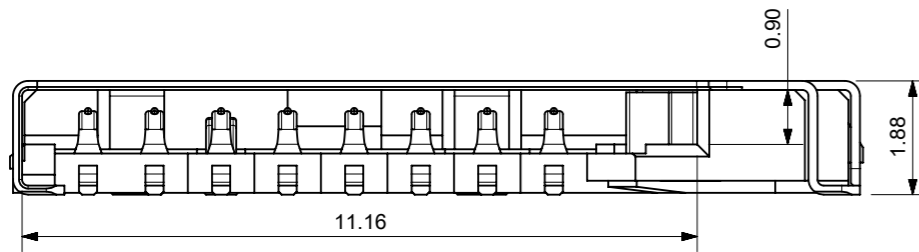
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-47352-001	PSD	001	H

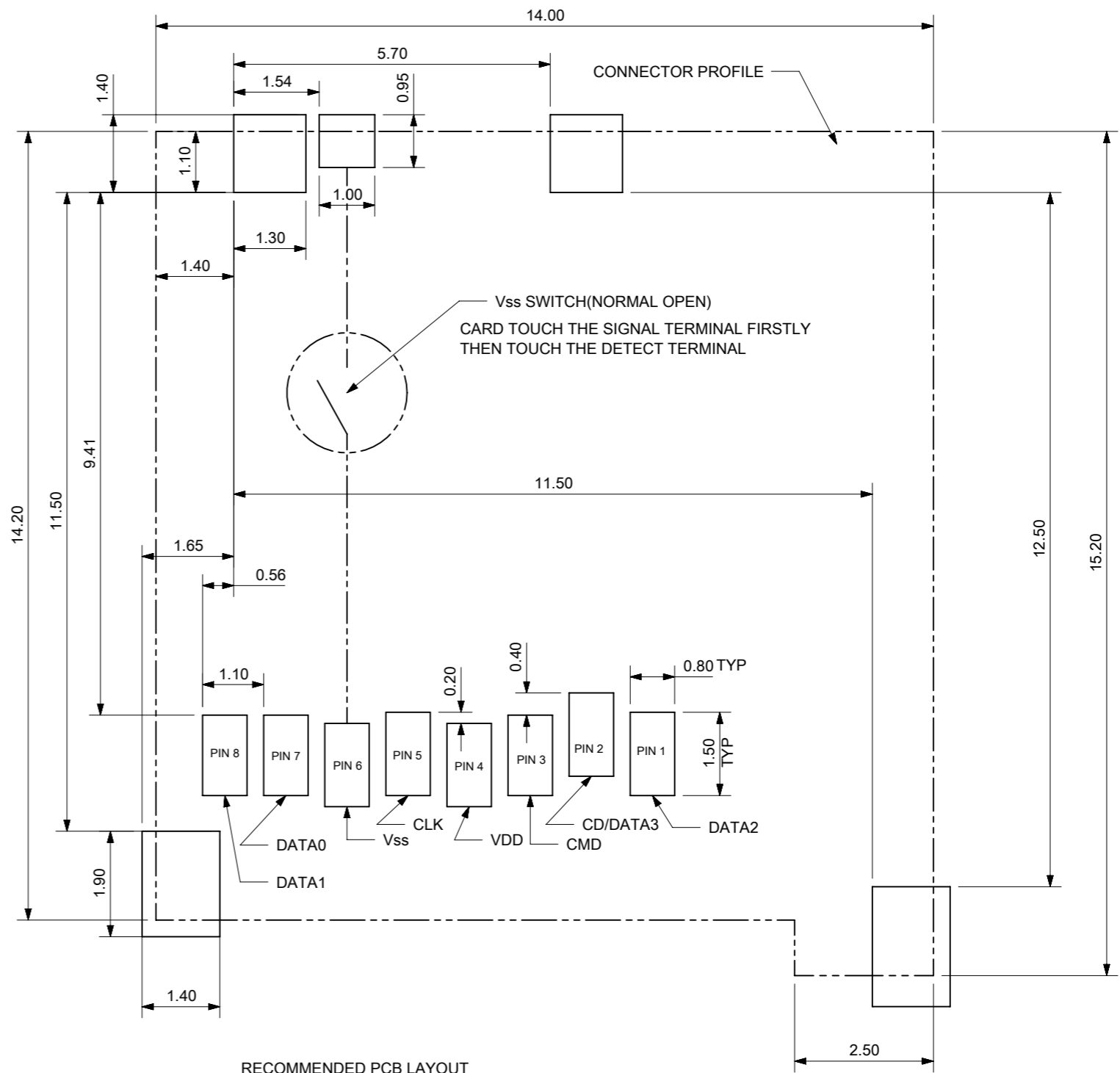
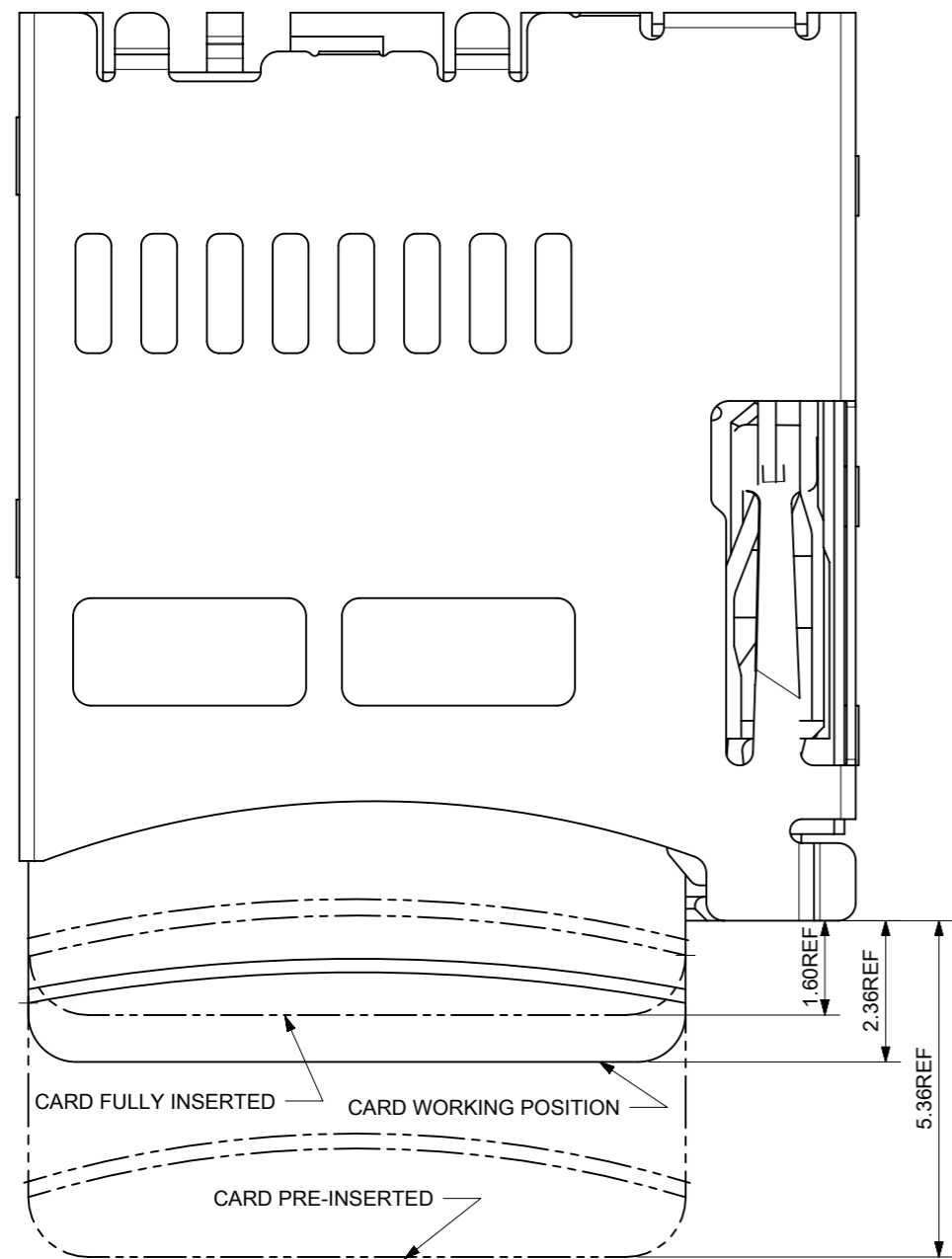


(INCLUDE ALL TERMINALS AND SHELL PADS)

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:		<b>molex</b>					
▽ = 0	mm	SCALE	8:1	EC NO: 634145					TFR&MICRO SD CARD READER		
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DRWN: MGLEI		2019/11/01		PUSH PUSH TYPE VSS DETECT SWITCH			
▽ = 0	ANGULAR TOL ± 3.0°			CHK'D: XQZHANG		2020/12/14		PRODUCT CUSTOMER DRAWING			
▽ = 0	4 PLACES	±			APPR: XQZHANG		2020/12/14		DOCUMENT NUMBER		
▽ = 0	3 PLACES	±			INITIAL REVISION:		SD-47352-101				
▽ = 0	2 PLACES	± 0.15			DRWN: GLLI		2012/06/13		DOC TYPE	DOC PART	REVISION
▽ = 0	1 PLACE	±			APPR: AYIN		2012/08/01		PSD	001	L
▽ = 0	0 PLACES	±			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		MATERIAL NUMBER	CUSTOMER	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING		SERIES		47352		473521001	GENERAL MARKET	SHEET NUMBER
DOCUMENT STATUS			P1	RELEASE DATE		2020/12/14		07:16:42		1 OF 2	



RECOMMENDED PCB LAYOUT  
 RECOMMENDED STENCIL THICKNESS: 0.12MM  
 TOLERANCE FOR LAYOUT DIMENSIONS: ±0.05

- 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

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>
	mm	SCALE 8:1			
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 634145		TFR&MICRO SD CARD READER PUSH PUSH TYPE VSS DETECT SWITCH
▽ = 0	ANGULAR TOL ± 3.0°		DRWN: MGLEI 2019/11/01		
▽ = 0	4 PLACES ±		CHK'D: XQZHANG 2020/12/14		PRODUCT CUSTOMER DRAWING
▽ = 0	3 PLACES ±		APPR: XQZHANG 2020/12/14		
▽ = 0	2 PLACES ± 0.15		INITIAL REVISION:		DOCUMENT NUMBER
▽ = 0	1 PLACE ±		DRWN: GLLI 2012/06/13		SD-47352-101
▽ = 0	0 PLACES ±		APPR: AYIN 2012/08/01		DOC TYPE
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	DOC PART
▽ = 0			A3-SIZE	SERIES	REVISION
			47352	MATERIAL NUMBER	PSD 001 L
			473521001	CUSTOMER	SHEET NUMBER
			GENERAL MARKET	2 OF 2	