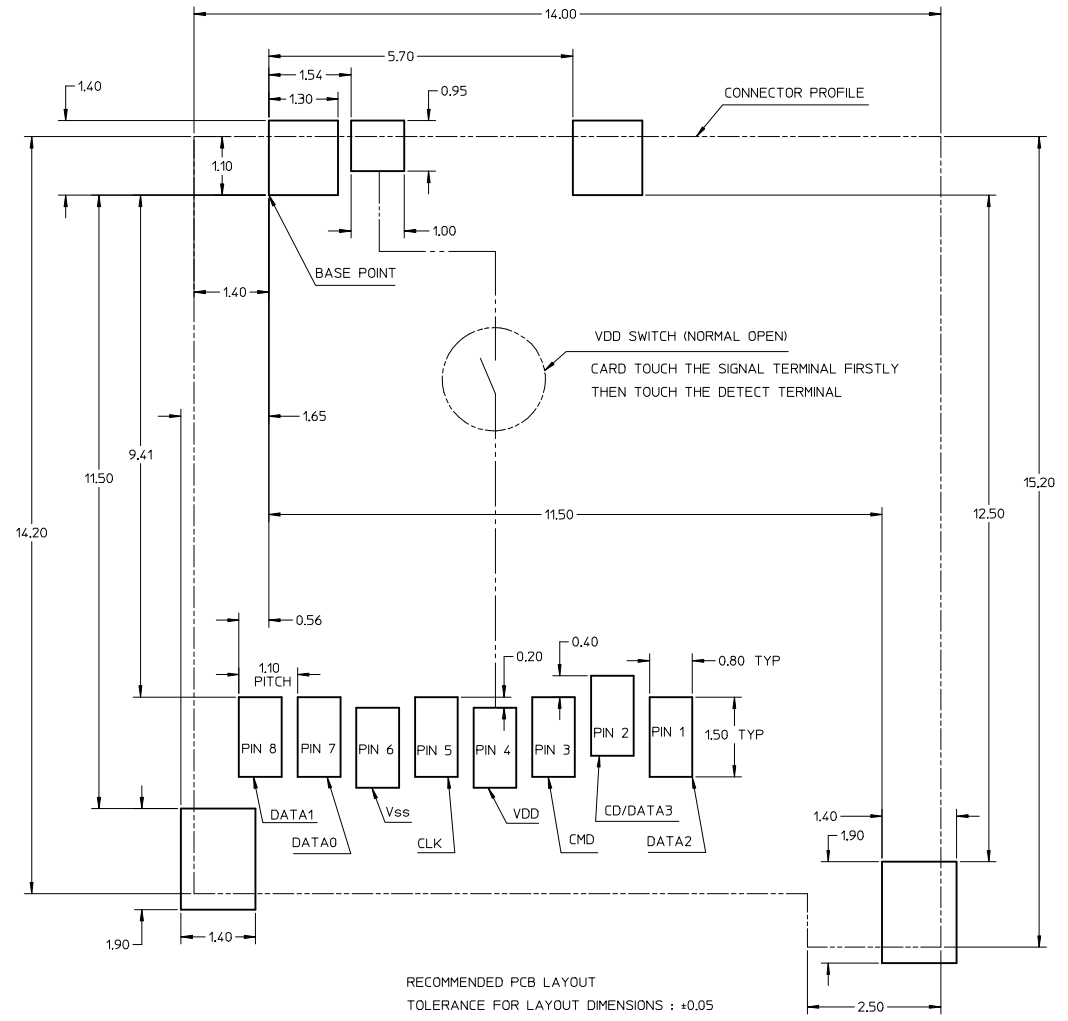
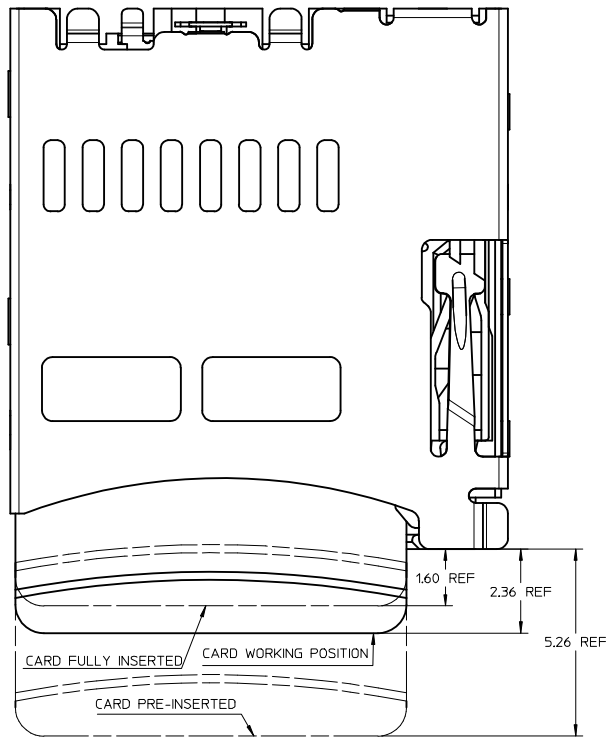


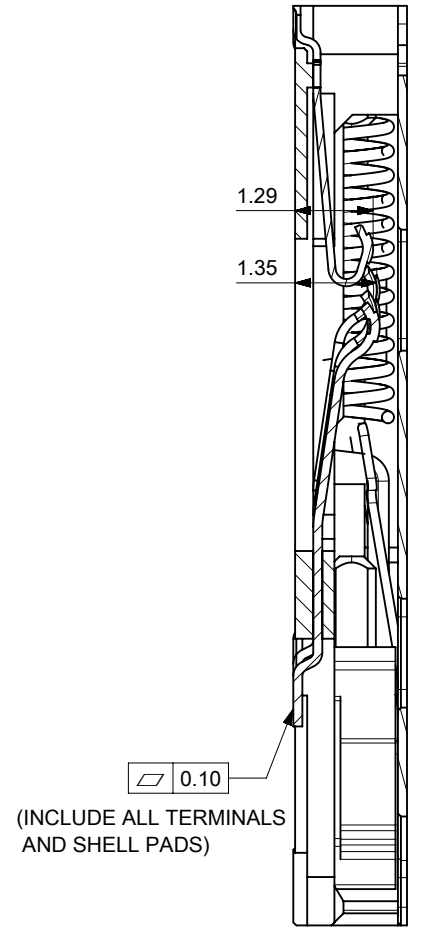
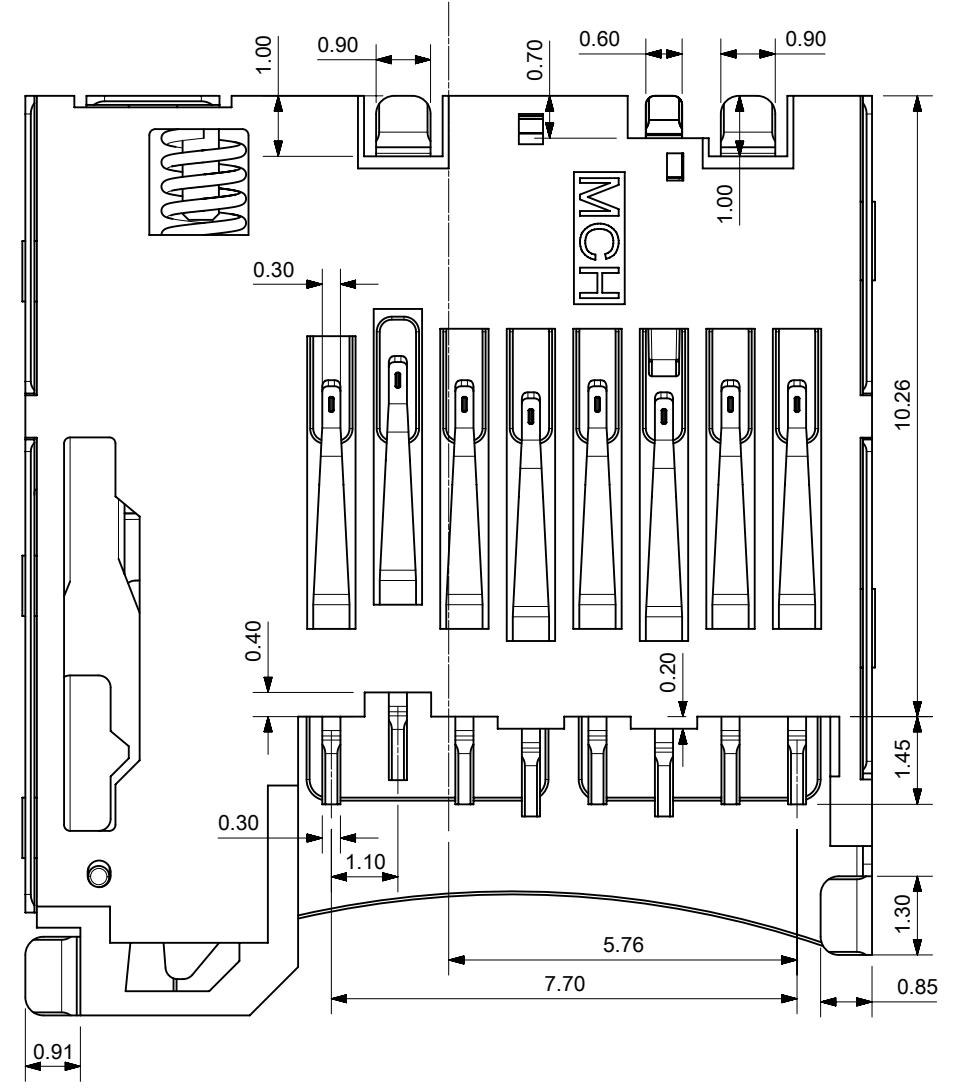
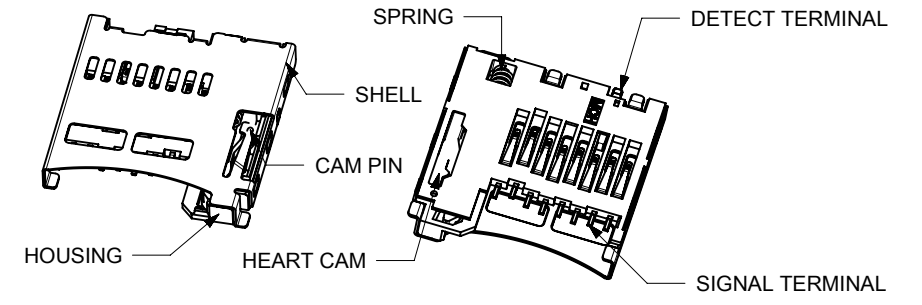
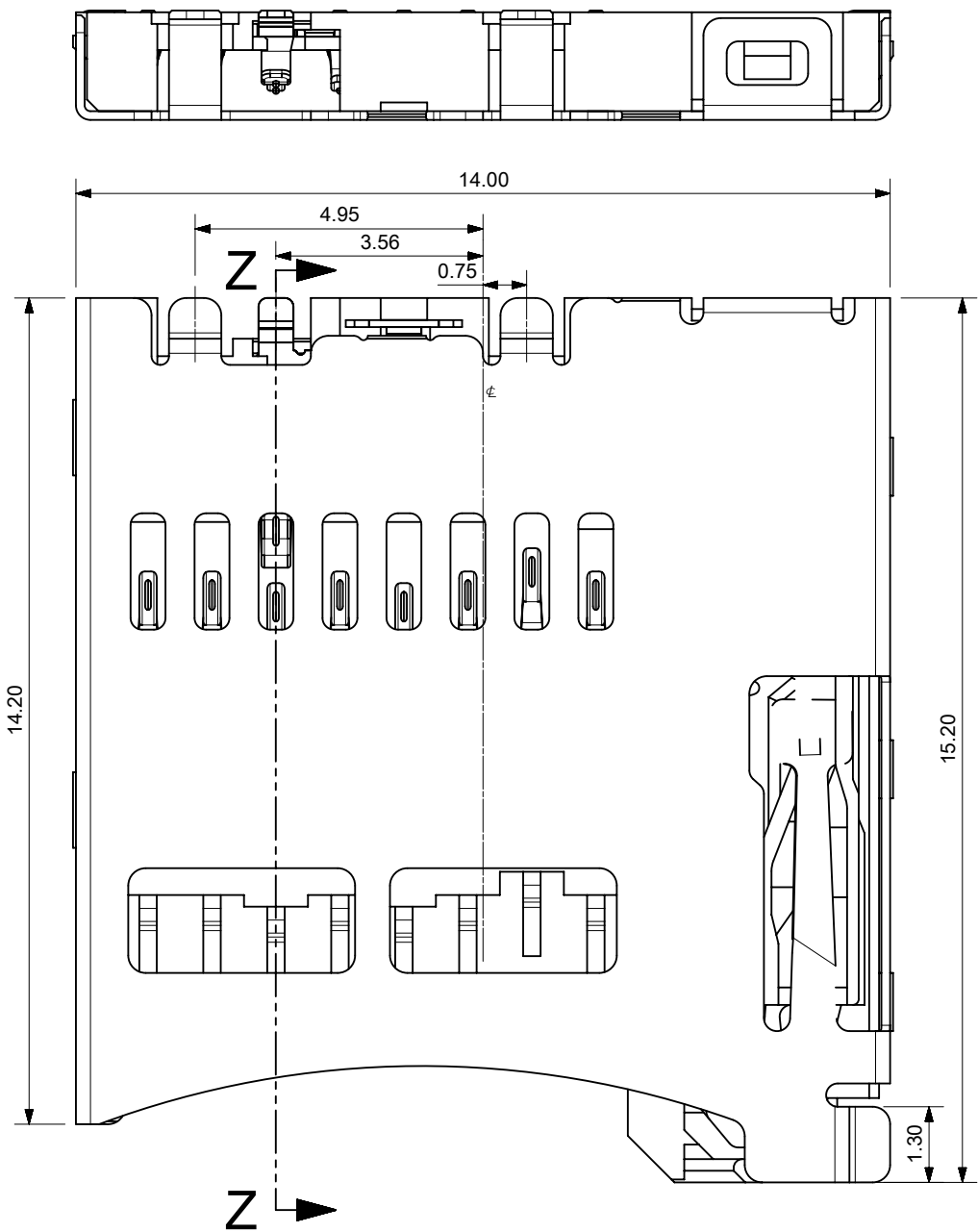
REVISED EC NO: SH2016-0168 DRAWN:AWANG17 2015/11/23 CHKD:XOZHANG 2015/11/23 APPR:AYIN 2016/05/17	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	m/m INCH	DRAWN BY GLLI	DATE 2012/07/10	TITLE TFR&MICRO SD READER PUSH PUSH TYPE VDD DETECT SWITCH			
		3 PLACES ± --- ± ---		CHECKED BY	DATE	APPROVED BY AYIN			
		2 PLACES ± 0.15 ± ---		APPROVED BY AYIN	DATE 2012/08/01	MATERIAL NO. 47352-0001	DOCUMENT NO. SD-47352-001	SHEET NO. 1 OF 2	
		ANGULAR ± 1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	



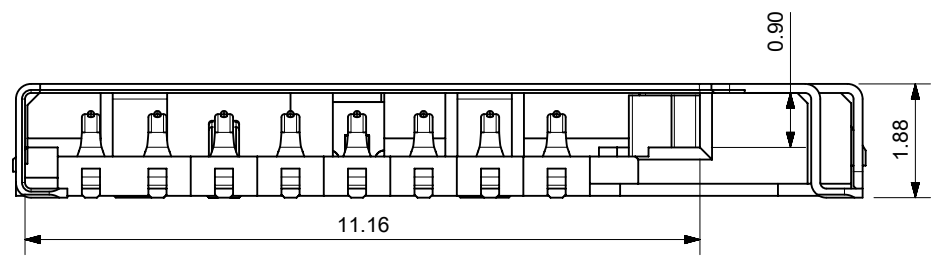
NOTES:

- 1 MATERIAL:
 - 1-1 SIGNAL TERMINAL, DETECT TERMINAL : COPPER ALLOY
 - 1-2 SHELL, CAM PIN, SPRING : STAINLESS STEEL
 - 1-3 HOUSING, CAM : LCP, UL 94-V0, BLACK
- 2 FINISH:
 - 2-1 SIGNAL & DETECT 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

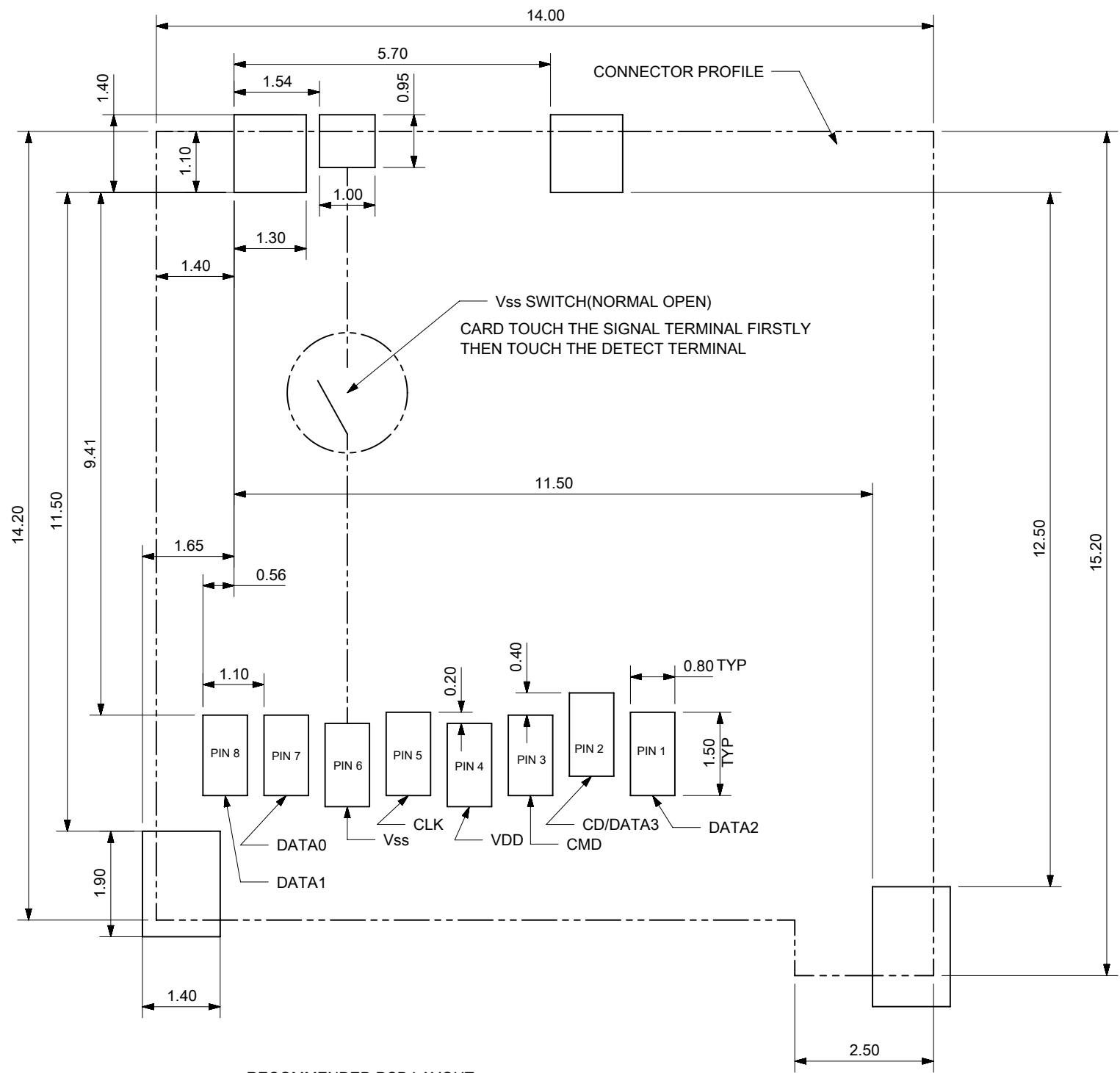
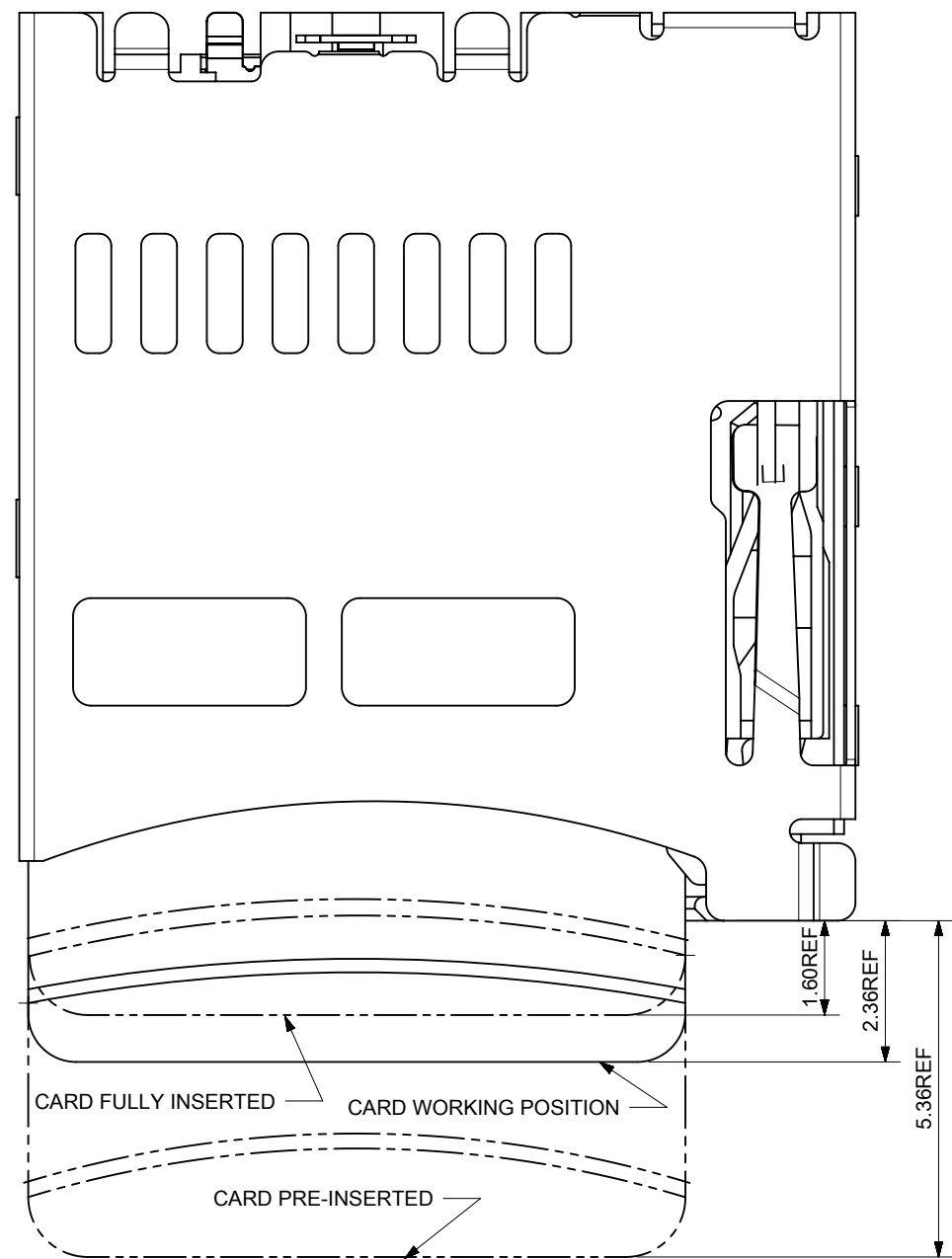
SEE SHEET 1 REV G	EC NO: SH2016-0168 DRAWN: WANG17 2015/11/23 CHKD: XZHZHANG 2015/11/23 APPR: AYIN 2016/05/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION														
		$\nabla=0$ $\nabla=0$ $\nabla=0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.15</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>0 PLACE</td> <td>±---</td> <td>±---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.15	±---	1 PLACE	±---	±---	0 PLACE	±---	±---
	mm	INCH																			
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3 PLACES	±---	±---																			
2 PLACES	±0.15	±---																			
1 PLACE	±---	±---																			
0 PLACE	±---	±---																			
MATERIAL NO. 47352-0001 DOCUMENT NO. SD-47352-001			SHEET NO. 2 OF 2																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					



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:		molex	
▽ = 0	mm	SCALE	8:1				
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 171707		TFR&MICRO SD CARD READER	
▽ = 0	ANGULAR TOL ± 3.0°			DRWN: TLI97		PUSH PUSH TYPE VSS DETECT SWITCH	
▽ = 0	4 PLACES ±			2017/05/24		PRODUCT CUSTOMER DRAWING	
▽ = 0	3 PLACES ±			CHK'D: RZHANG		DOCUMENT NUMBER	
▽ = 0	2 PLACES ± 0.15			APPR: RZHANG		DOC TYPE DOC PART REVISION	
▽ = 0	1 PLACE ±			INITIAL REVISION:		SD-47352-101	
▽ = 0	0 PLACES ±			DRWN: AWANG17		PSD 001 J	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPR: AYIN		MATERIAL NUMBER	
▽ = 0	THIRD ANGLE PROJECTION			DRAWING		CUSTOMER	
		A3-SIZE		SERIES		SHEET NUMBER	
		47352		473521001		1 OF 2	



RECOMMENDED PCB LAYOUT
TOLERANCE FOR LAYOUT DIMENSIONS:±0.05

- NOTES:
- MATERIAL:
 - SIGNAL TERMINAL, DETECT TERMINAL: COPPER ALLOY
 - SHELL, CAM PIN, SPRING: STAINLESS STEEL
 - HOUSING, CAM: LCP, UL94V-0, BLACK
 - FINISH:
 - 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
 - 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
 - SHELL: GOLD FLASH (0.025 MICRONS MINIMUM) OVER NICKEL (1.25 MICRONS MINIMUM) UNDERPLATED ON SOLDER PAD
 - MECHANICAL SPECIFICATION:
 - REPEATED 5000 TIMES MATING AND UNMATING CYCLES AND STILL MEET ELECTRICAL CHARACTERISTICS
 - ELECTRICAL SPECIFICATION:
 - RATED CURRENT (PER CONTACT): 0.5 AMPS MAX AND TEMPERATURE RISE SHOULD BE 30°C MAX
 - INSULATION RESISTANCE (I.R.): 100 MEGOHMS MIN.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC
 - 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:		molex
	mm	SCALE 8:1			
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 171707		TFR&MICRO SD CARD READER PUSH PUSH TYPE VSS DETECT SWITCH
▽ = 0	ANGULAR TOL ± 3.0°		DRWN: TLI97 2017/05/24		
▽ = 0	4 PLACES ±		CHK'D: RZHANG 2018/02/07		PRODUCT CUSTOMER DRAWING
▽ = 0	3 PLACES ±		APPR: RZHANG 2018/02/07		
▽ = 0	2 PLACES ± 0.15		INITIAL REVISION:		DOCUMENT NUMBER SD-47352-101
▽ = 0	1 PLACE ±		DRWN: AWANG17 2015/11/23		
▽ = 0	0 PLACES ±		APPR: AYIN 2016/05/17		DOC TYPE PSD
□ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING A3-SIZE	SHEET NUMBER 2 OF 2
▽ = 0			SERIES 47352	MATERIAL NUMBER 473521001	CUSTOMER GENERAL MARKET