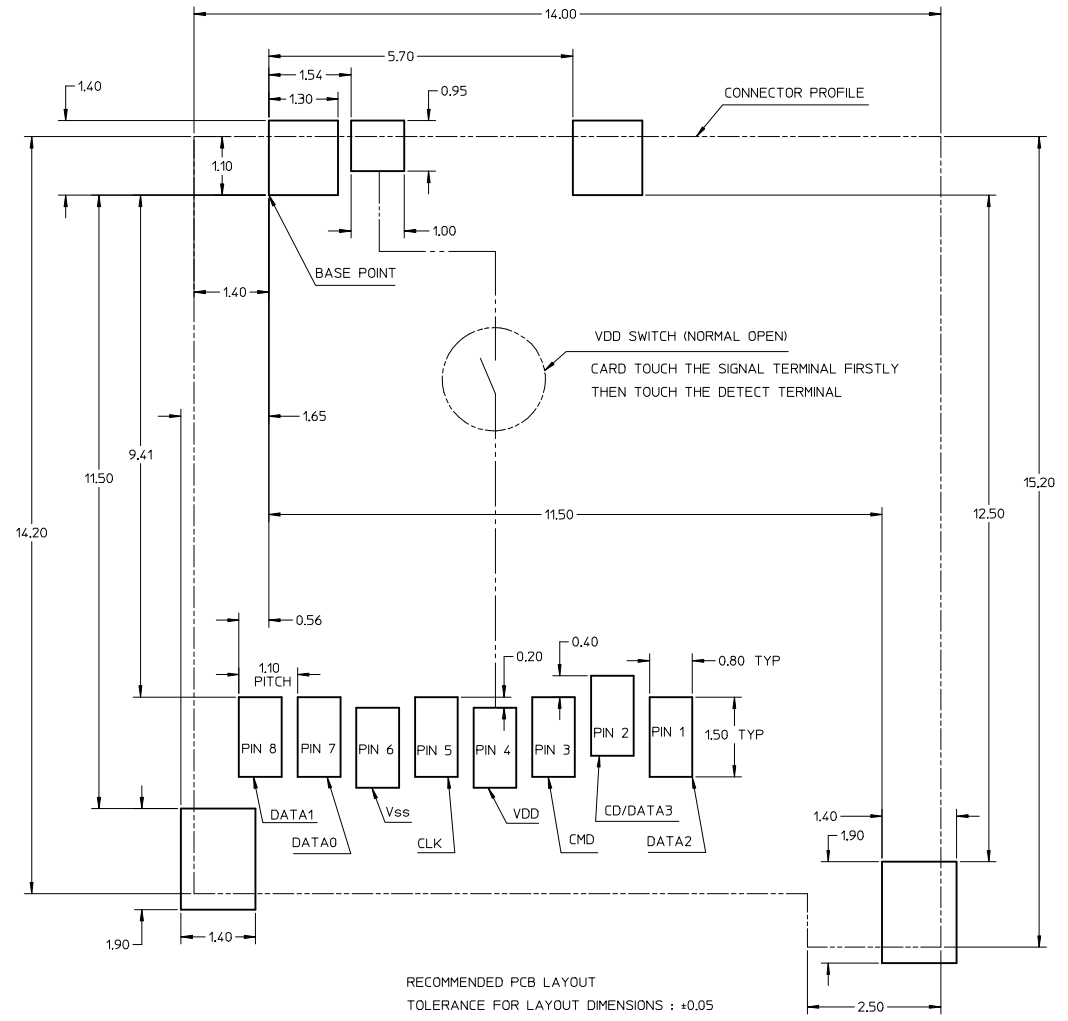
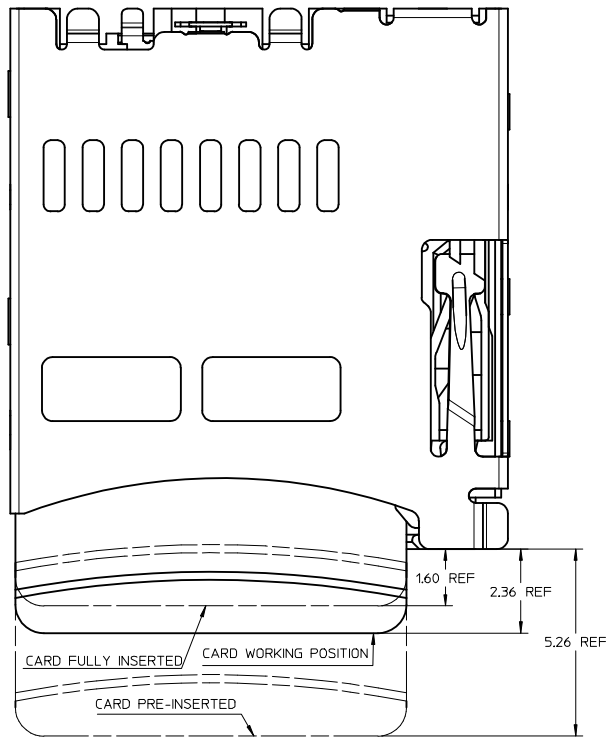


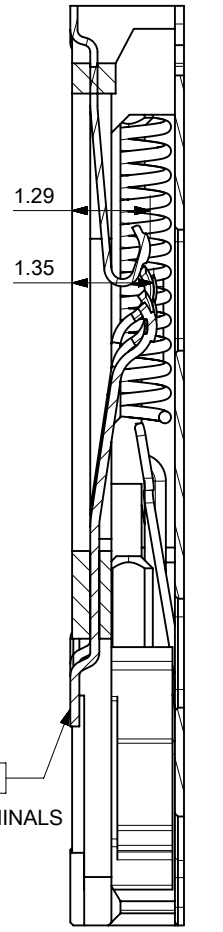
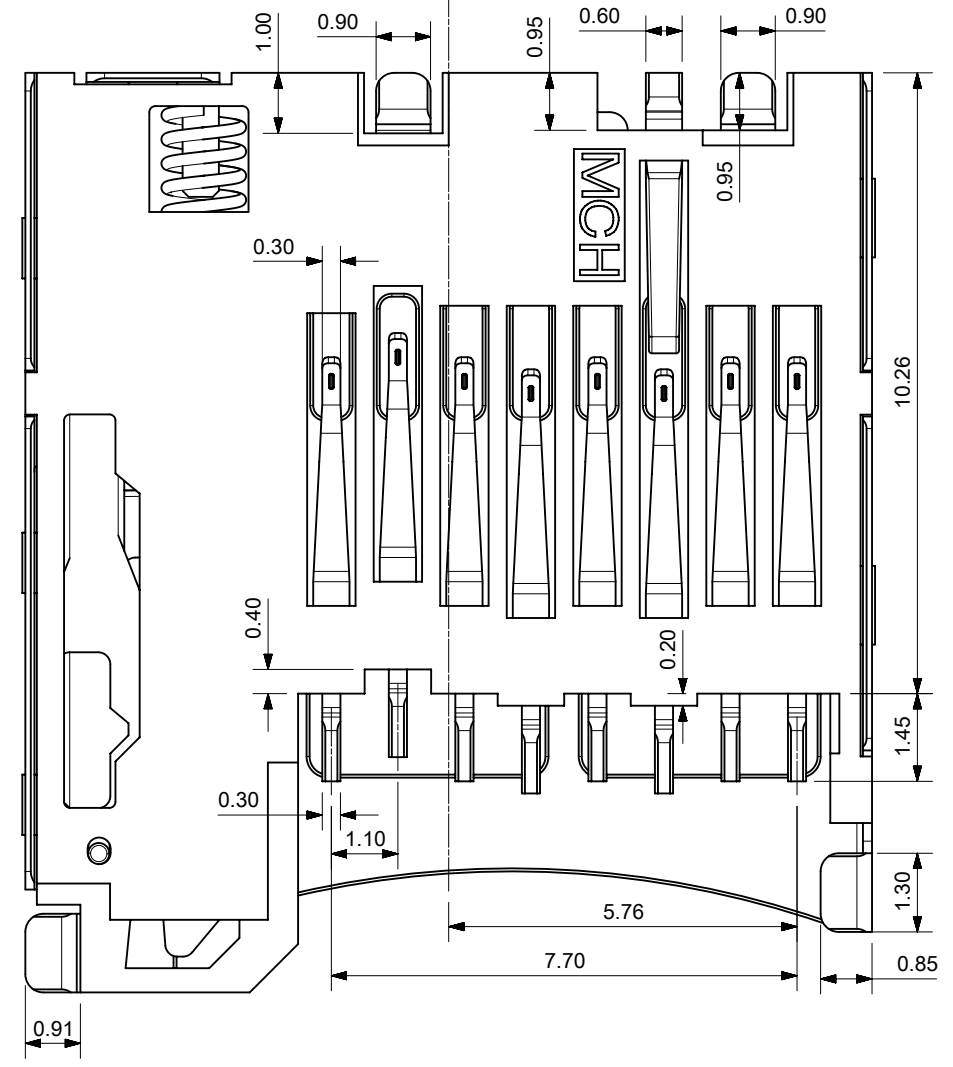
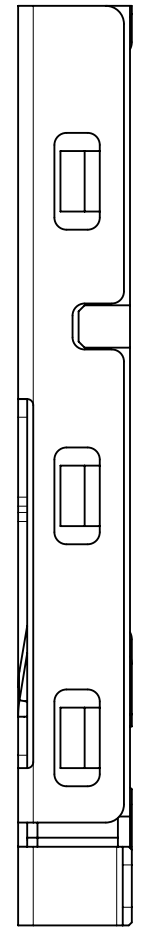
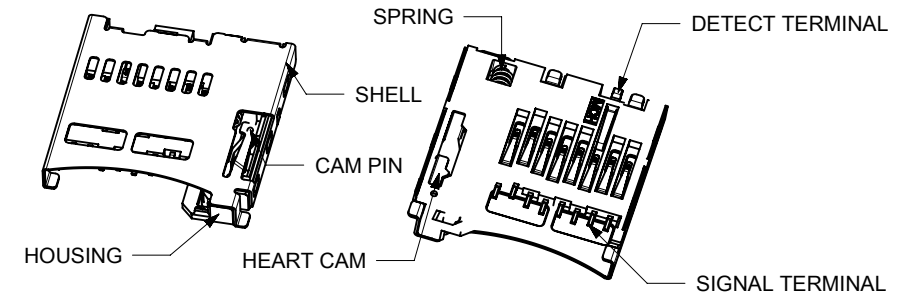
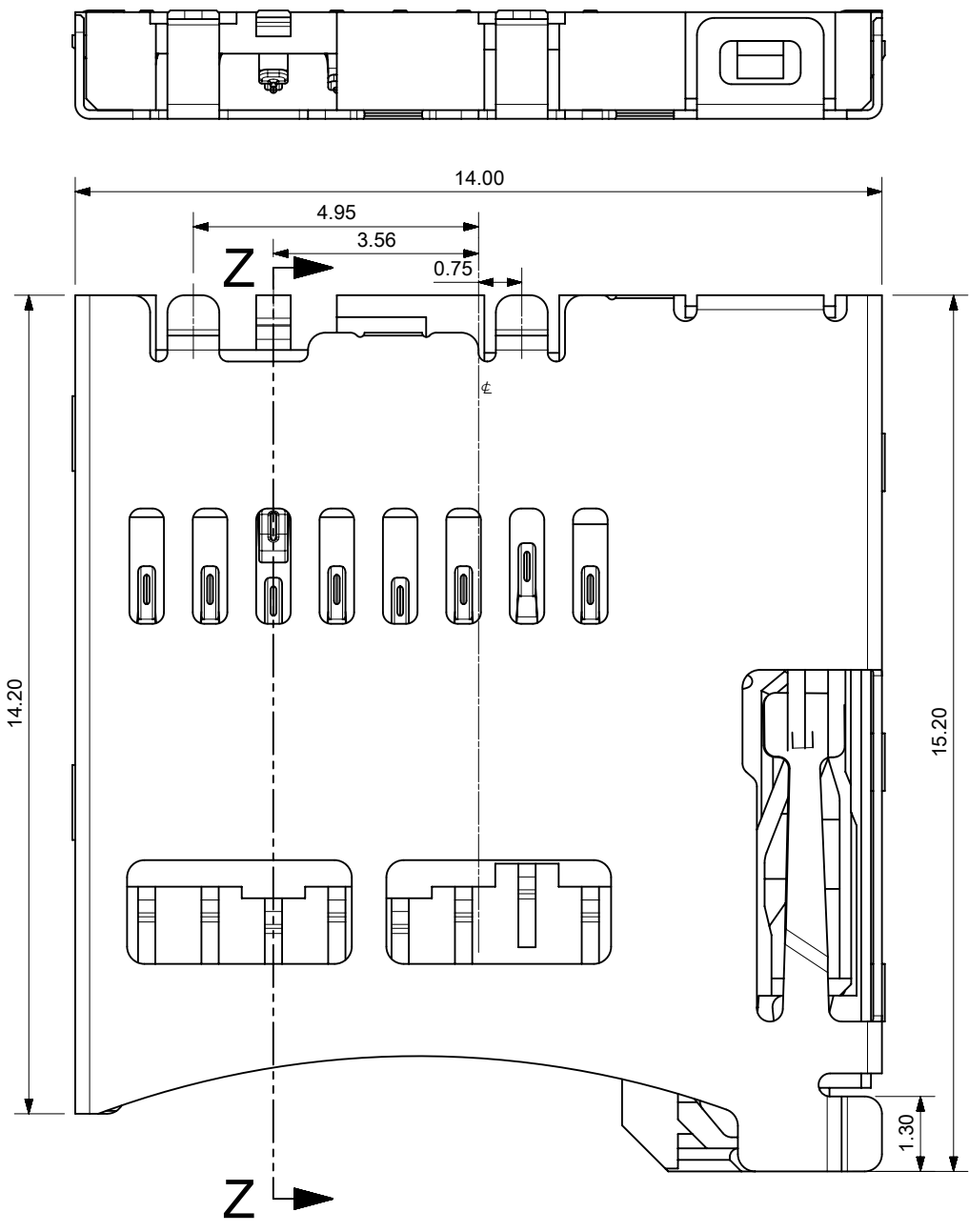
REVISED EC NO: SH2016-0168 DRAWN:AWANG17 2015/11/23 CHKD:XOZHANG 2015/11/23 APPR:AYIN 2016/05/17	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	m/m INCH	DRAWN BY GLLI	DATE 2012/07/10	TITLE TFR&MICRO SD READER PUSH PUSH TYPE VDD DETECT SWITCH			
		3 PLACES ± --- ± ---		CHECKED BY	DATE	APPROVED BY AYIN			
		2 PLACES ± 0.15 ± ---		1 PLACE ± --- ± ---	0 PLACE ± --- ± ---	DATE 2012/08/01	MATERIAL NO. 47352-0001		
		ANGULAR ± 1/2°		DOCUMENT NO. SD-47352-001		SHEET NO. 1 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					



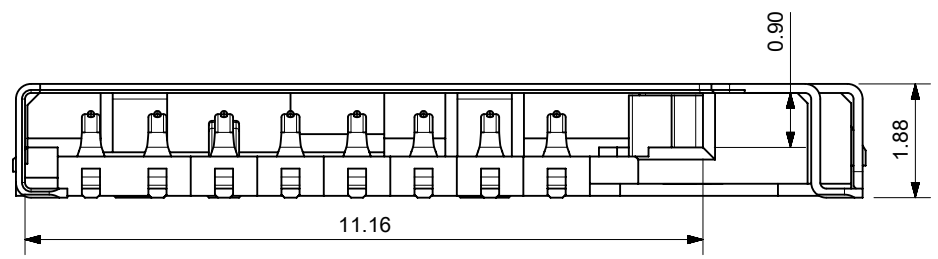
NOTES:

- 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(IR) : 100 MEGOHMS MIN.
 - 4-3 DIELECTRIC WITHSTANDING VOLTAGE : 500 VAC
 - 4-4 CONTACT RESISTANCE: 100 MILLIOHMS MAX

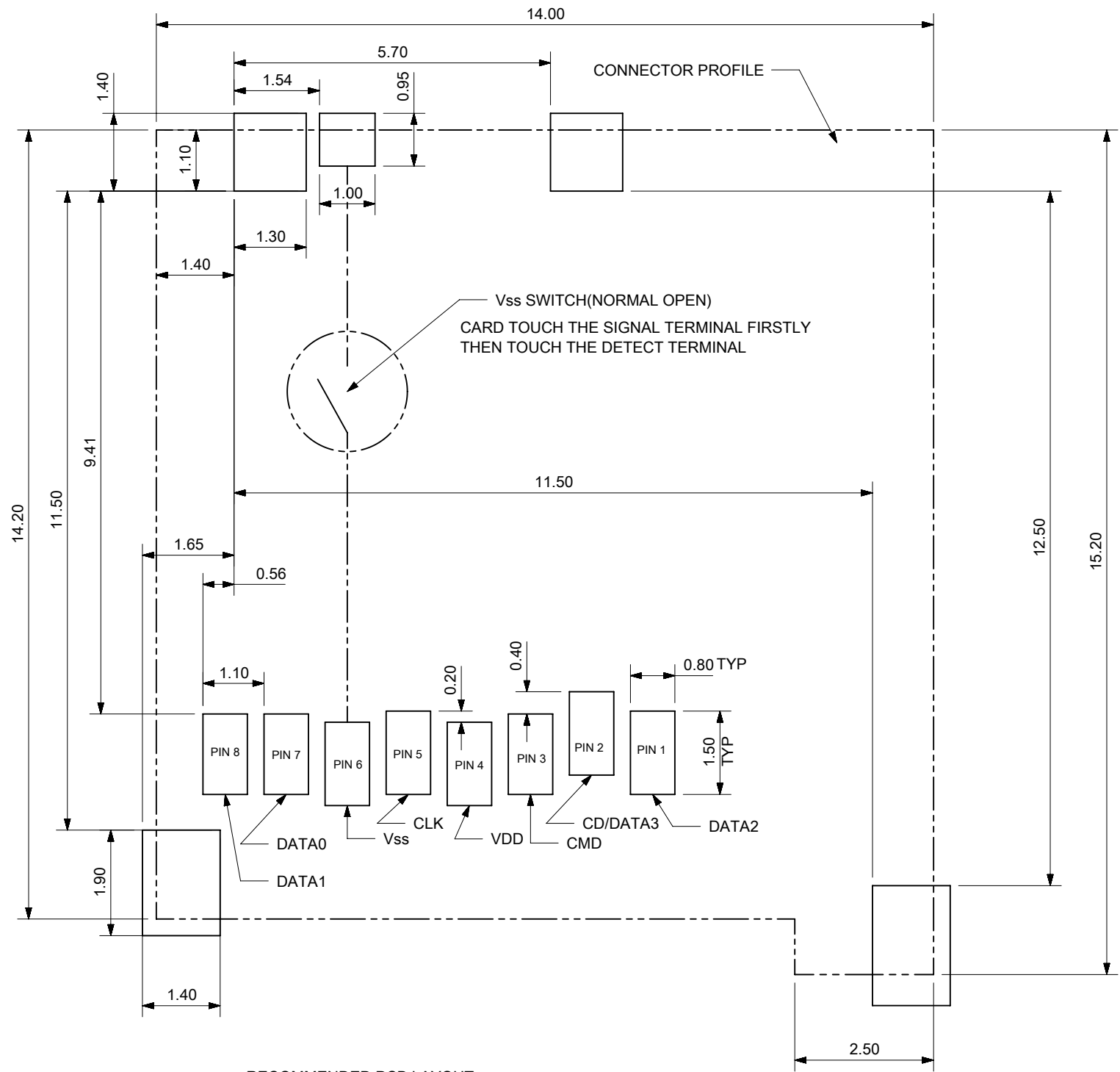
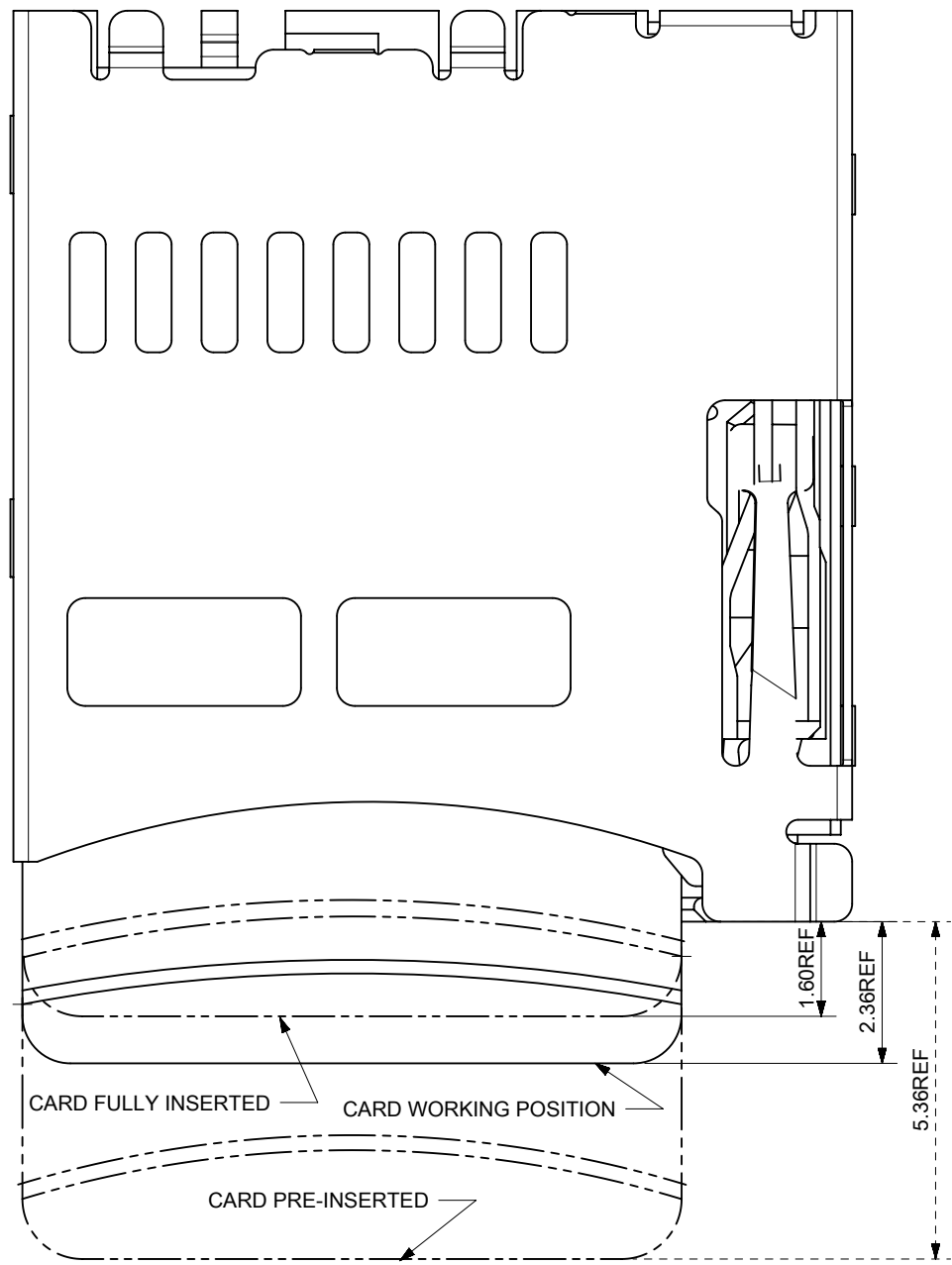
SEE SHEET 1 EC NO: SH2016-0168 DRAWN: AWANG17 2015/11/23 CHKD: XZHZHANG 2015/11/23 APPR: AYIN 2016/05/17	DESCRIPTION REV	QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$		GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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	±---	±---	DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH																								
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		3 PLACES	±---	±---																								
2 PLACES	±0.15	±---																										
1 PLACE	±---	±---																										
0 PLACE	±---	±---																										
DRAWN BY: GLL I DATE: 2012/07/10 CHECKED BY: _____ DATE: _____				APPROVED BY: AYIN DATE: 2012/08/01		TITLE TFR&MICRO SD READER PUSH PUSH TYPE VDD DETECT SWITCH																						
MATERIAL NO. 47352-0001				DOCUMENT NO. SD-47352-001		molex																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				ANGULAR ±1/2°		SHEET NO. 2 OF 2																						



SECTION Z-Z



SYMBOLS		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:	
$\nabla = 0$	mm	8:1	
$\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$\nabla = 0$	ANGULAR TOL $\pm 3.0^\circ$		
$\nabla = 0$	4 PLACES	\pm	EC NO: 602793
$\nabla = 0$	3 PLACES	\pm	DRWN: TLI97 2018/05/09
$\nabla = 0$	2 PLACES	± 0.15	CHK'D: RZHANG 2018/08/17
$\nabla = 0$	1 PLACE	\pm	APPR: RZHANG 2018/08/17
$\nabla = 0$	0 PLACES	\pm	INITIAL REVISION:
$\nabla = 0$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
$\nabla = 0$	THIRD ANGLE PROJECTION		DRWN: AWANG17 2015/11/23
	DRAWING		APPR: AYIN 2016/05/17
A3-SIZE		SERIES	DOCUMENT NUMBER
		47352	SD-47352-101
MATERIAL NUMBER		CUSTOMER	DOC TYPE DOC PART REVISION
473521001		GENERAL MARKET	PSD 001 K
SHEET NUMBER		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	
▽ = 0	mm	SCALE	8:1	EC NO: 602793			
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: TLI97		2018/05/09	PRODUCT CUSTOMER DRAWING	
▽ = 0	ANGULAR TOL	± 3.0°	CHK'D: RZHANG		2018/08/17	DOCUMENT NUMBER	
▽ = 0	4 PLACES	±	APPR: RZHANG		2018/08/17	DOC TYPE DOC PART REVISION	
▽ = 0	3 PLACES	±	INITIAL REVISION:		SD-47352-101		
▽ = 0	2 PLACES	± 0.15	DRWN: AWANG17		2015/11/23	MATERIAL NUMBER	CUSTOMER
▽ = 0	1 PLACE	±	APPR: AYIN		2016/05/17	473521001	GENERAL MARKET
▽ = 0	0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	SHEET NUMBER	
▽ = 0	DRAWING		A3-SIZE	SERIES	47352	2 OF 2	