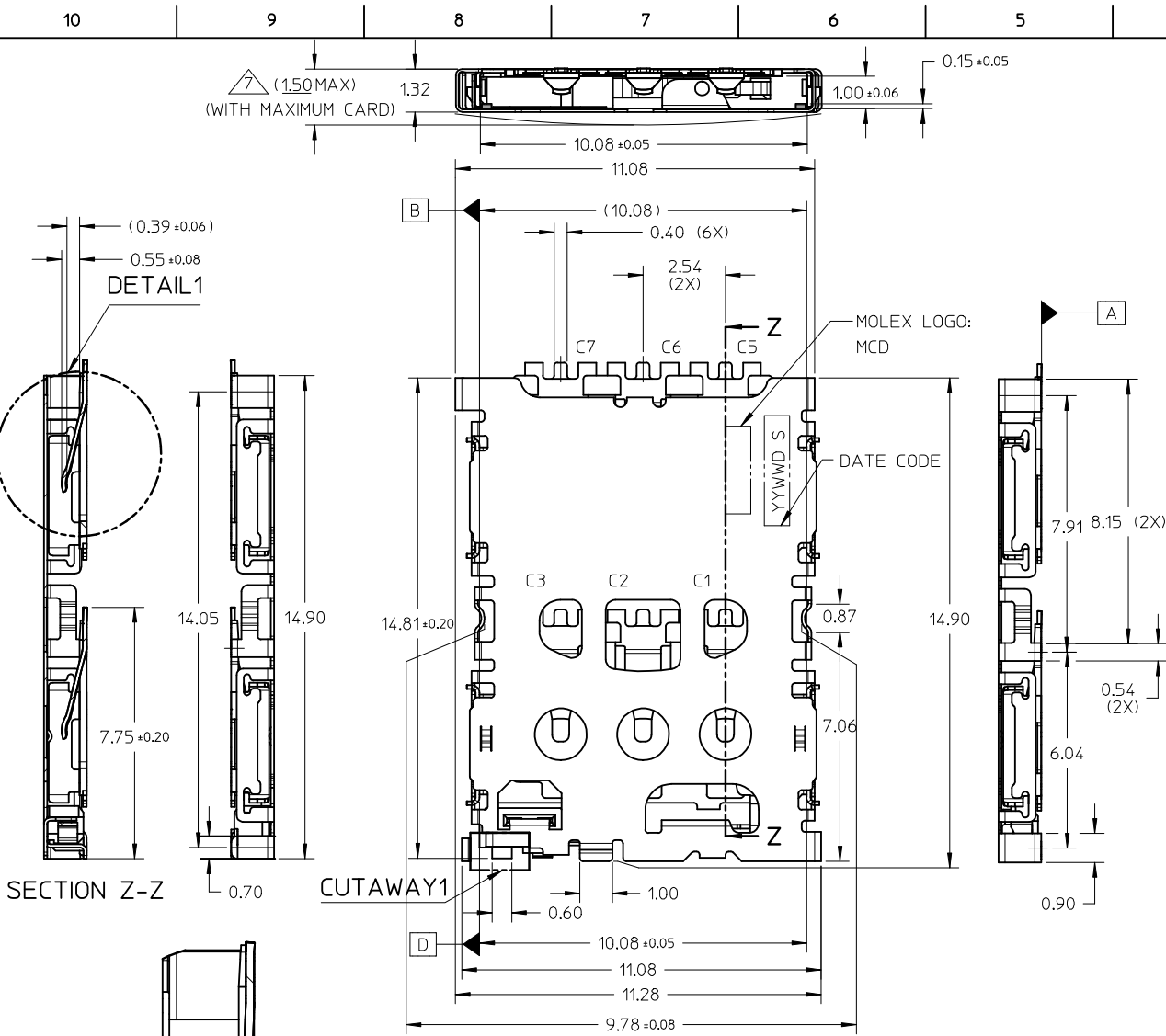
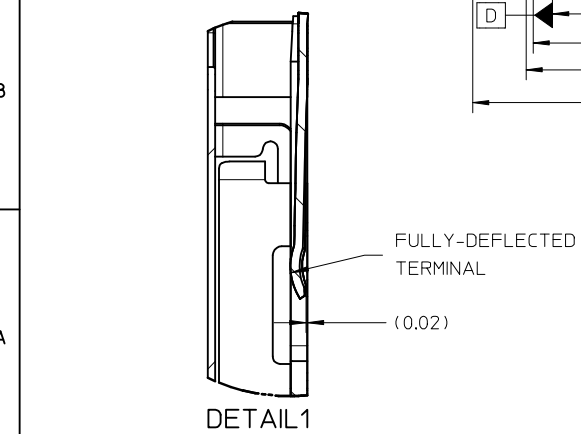


(1.50 MAX)
(WITH MAXIMUM CARD)



- NOTES:
- MATERIALS:
 - CONNECTOR:-
 - INSERT MOLD HOUSING: LCP, GLASS FILLED, UL94V-0, COLOUR BLACK.
 - TERMINAL: TITANIUM COPPER, THICKNESS: 0.12MM
 - DETECT PIN: TITANIUM COPPER, THICKNESS: 0.12MM
 - SHELL: STAINLESS STEEL, THICKNESS: 0.10MM
 - PLATING FINISHES:
 - TERMINAL:-
 - CONTACT: 0.38um MIN. GOLD ON CONTACT AREA OVER 2.00um MIN. NICKEL UNDERPLATE.
 - SOLDERTAIL: 0.025um MIN. GOLD FLASH OVER 2.00um MIN. NICKEL UNDERPLATE.
 - SHELL:-
 - CONTACT: 0.05um MIN. GOLD ON CONTACT AREA OVER 2.00um MIN. NICKEL UNDERPLATE.
 - SOLDERTAIL: 0.025um MIN. GOLD FLASH OVER 2.00um MIN. NICKEL UNDERPLATE.
 - DETECT PIN:-
 - CONTACT: 0.127um MIN. GOLD ON CONTACT AREA OVER 2.00um MIN. NICKEL UNDERPLATE.
 - SOLDERTAIL: 1.27um MIN. MATTE TIN OVER 2.00um MIN. NICKEL UNDERPLATE.
 - PRODUCT SPECIFICATION: PS-151073-0001
 - PACKAGING SPECIFICATION: PK-151073-0001
 - OVERALL (SOLDERTAIL & SOLDERTAB) COPLANARITY 0.08MM MAX. BEFORE REFLOW.
 - CONNECTOR TO BE USED TOGETHER WITH MOLEX NANO SIM CARD TRAY ONLY.
- ⚠️ DIMENSION INCLUSIVE OF BULGE

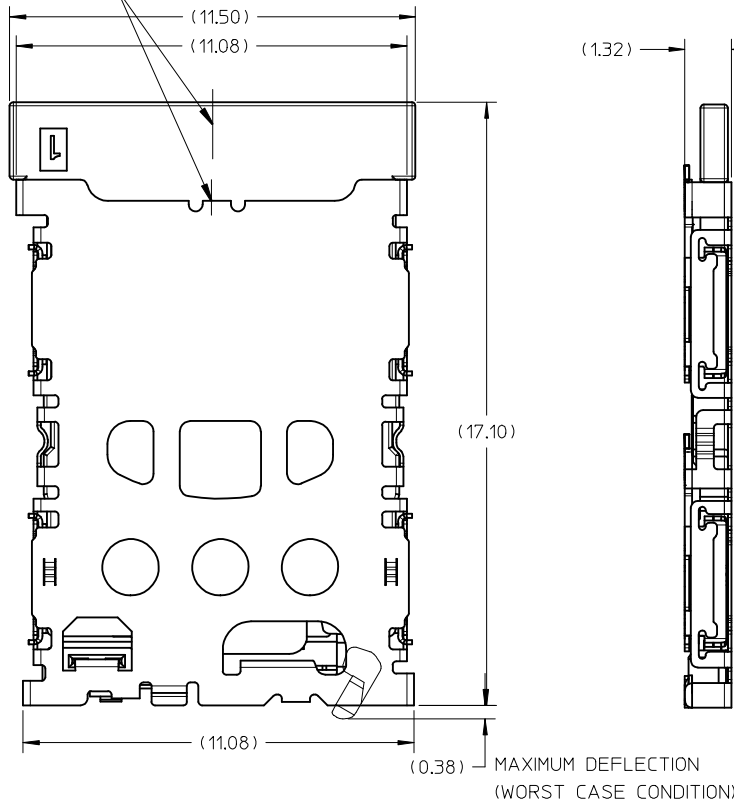
THIS DESIGN IS BASED ON DESIGN OBJECTIVES AND IS STRICTLY TENTATIVE. IT MAY CHANGE BASED ON RESULTS OF ADDITIONAL DESIGN REVIEWS & VERIFICATIONS.



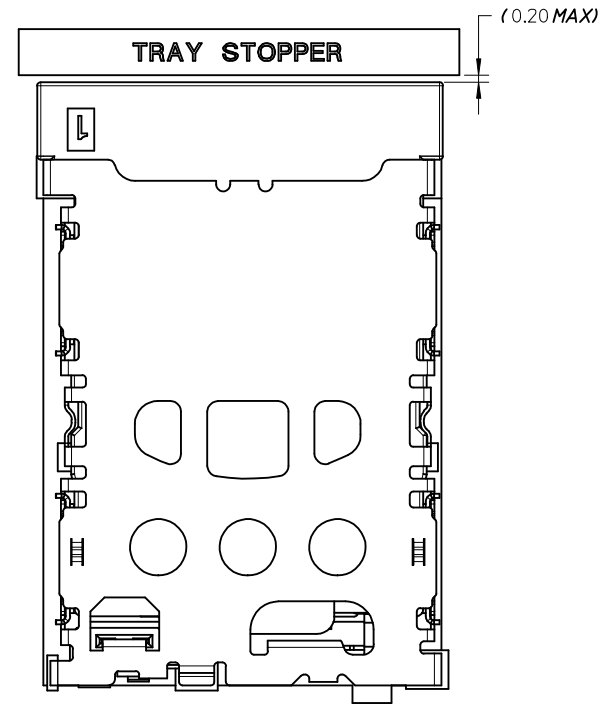
ADD TOL TO CONTACT TIP EC NO: S2015-0916 DRWN: SCHEONG 2015/03/03 CHKD: GMENARLY 2015/03/10 APPR: KHL IM 2015/03/12	QUALITY SYMBOLS F _A =0 F _C =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY SCHEONG	DATE 2014/07/16	TITLE NANO SIM CONNECTOR 1.32MM HEIGHT WITH TRAY AND DETECT PIN	 DOCUMENT NO. SD-151073-0001 SHEET NO. 1 OF 3		
4 PLACES	± ---	± ---	CHECKED BY GMENARLY	DATE 2015/03/10	MATERIAL NO.				
3 PLACES	± ---	± ---	APPROVED BY KHL IM	DATE 2015/03/12	ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
2 PLACES	± 0.10	± ---	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
1 PLACE	± ---	± ---							
0 PLACE	± ---	± ---							

10 9 8 7 6 5 4 3 2 1

CENTRELINES OF TRAY AND CONNECTOR OPENING ARE THE SAME



CONNECTOR WITH TRAY



SYSTEM LEVEL

DESCRIPTION	PART NUMBER
CONNECTOR	151073-1000
NANO SIM CARD TRAY	151073-0011

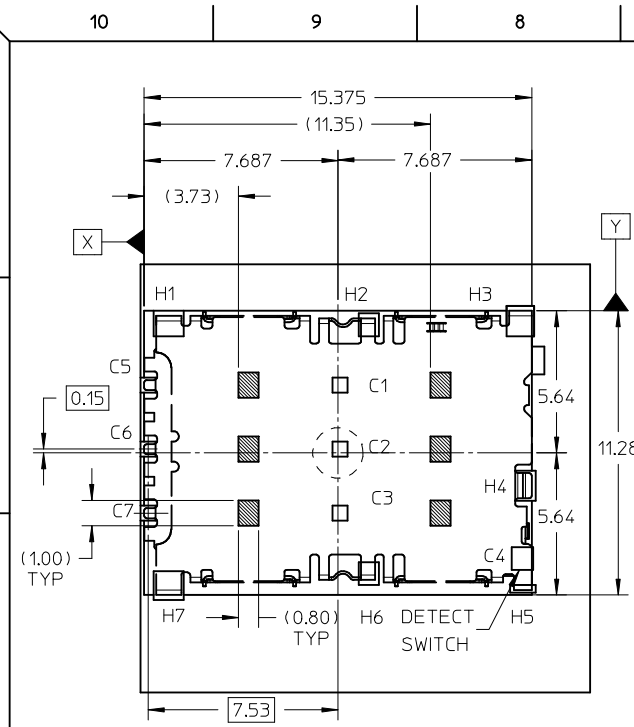
CARD INSERTION STATE	DETECT SWITCH CIRCUIT STATE	SCHEMATIC
CARD MATED	OPENED	
CARD UNMATED	CLOSED	

ADD TOL TO CONTACT TIP	DESCRIPTION
EC NO: S2015-0916	
DRWN:SCHEONG	2015/03/03
CHKD:GMENARLY	2015/03/10
APPR:KHL IM	2015/03/12
12	

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
$F_{\Delta} = 0$	4 PLACES	$\pm \text{---}$
$F_{\square} = 0$	3 PLACES	$\pm \text{---}$
$F_{\phi} = 0$	2 PLACES	± 0.10
	1 PLACE	$\pm \text{---}$
	0 PLACE	$\pm \text{---}$
	ANGULAR $\pm 3^{\circ}$	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		NTS	METRIC	
DRAWN BY	DATE	TITLE		
SCHEONG	2014/07/16	NANO SIM CONNECTOR		
CHECKED BY	DATE	1.32MM HEIGHT WITH TRAY		
GMENARLY	2015/03/10	AND DETECT PIN		
APPROVED BY	DATE	molex		
KHL IM	2015/03/12	DOCUMENT NO. SD-151073-0001		
MATERIAL NO.	SEE TABLE	SHEET NO. 2 OF 3		
SIZE	A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

9 8 7 6 5 4 3 2 1

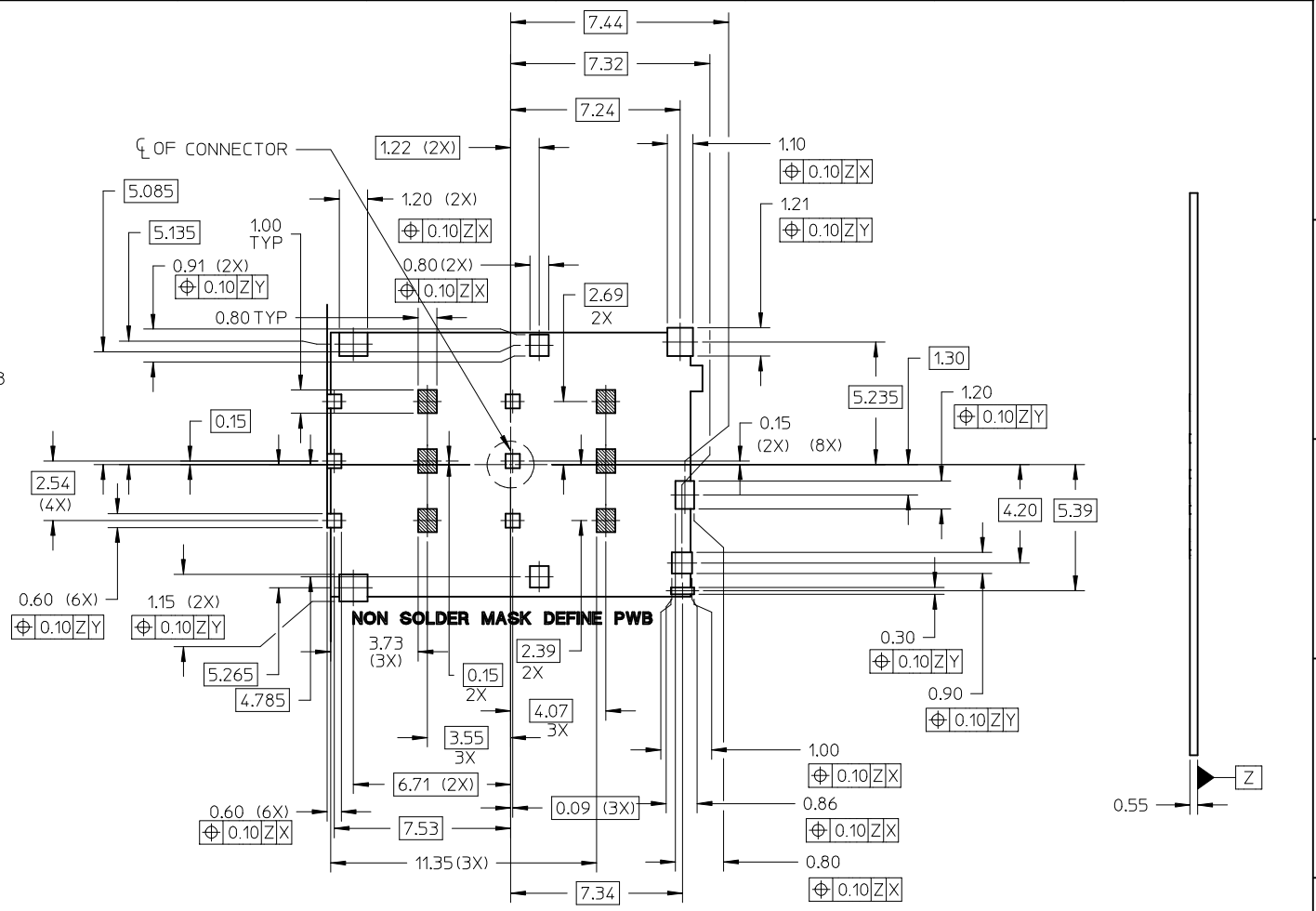


TOP VIEW

CONNECTOR KEEPOUT ZONE WITH PART CENTER LOCATION OF CONNECTOR RELATIVE TO PCB

KEEPOUT AREA FOR WIRING

PIN NO	ASSIGNMENT
C1	Vcc (SUPPLY VOLTAGE)
C2	RST (RESET SIGNAL)
C3	CLK (CLOCK SIGNAL)
C4	DETECT SWITCH
C5	GND
C6	Vpp (VARIABLE SUPPLY VOLTAGE)
C7	I/O (DATA INPUT/OUTPUT)
H1	GND
H2	GND
H3	GND
H5	GND
H6	GND
H7	GND



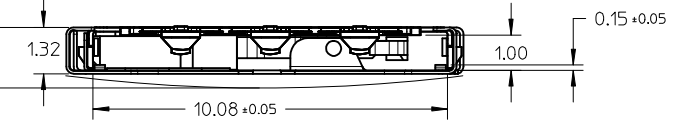
TOP VIEW

RECOMMENDED PWB LAYOUT (NON SOLDER MASK DEFINE PWB)
PWB TOLERANCE: ±0.05MM

ADD TOL TO CONTACT TIP	EC NO: S2015-0916	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DRWN:SCHEONG		DATE 2014/07/16	DRAWN BY SCHEONG		DATE		TITLE NANO SIM CONNECTOR 1.32MM HEIGHT WITH TRAY AND DETECT PIN DOCUMENT NO. SD-151073-0001 SHEET NO. 3 OF 3		
	CHKD:GMENARLY		DATE 2015/03/10	CHECKED BY GMENARLY		DATE				
	APPR:KHL IM		DATE 2015/03/12	APPROVED BY KHL IM		DATE				
REV 12	DESCRIPTION	mm	INCH	MATERIAL NO. SEE TABLE		SIZE A3				

10 9 8 7 6 5 4 3 2 1

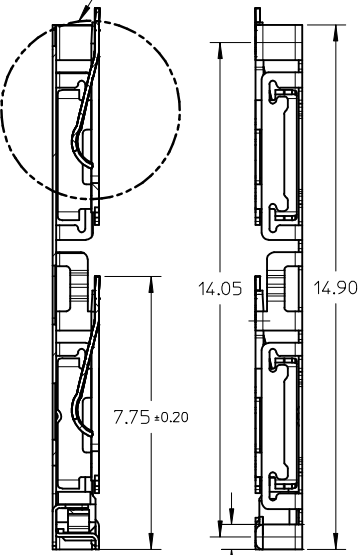
△ (1.50 MAX)
(WITH MAXIMUM CARD)



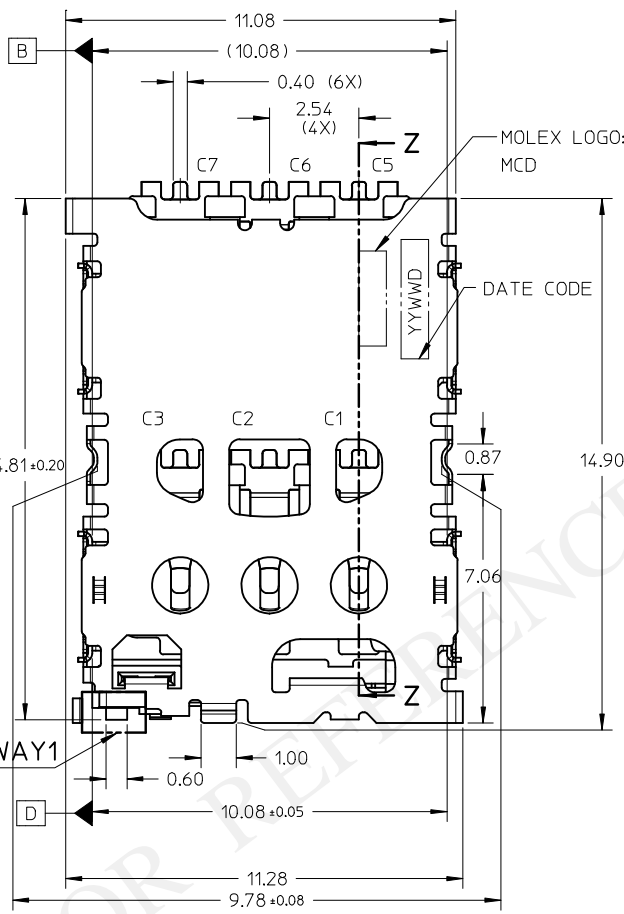
NOTES:

1. MATERIALS:
 - 1.1 CONNECTOR:-
 - INSERT MOLD HOUSING: LCP, GLASS FILLED, UL94V-0, COLOUR BLACK.
 - TERMINAL: TITANIUM COPPER, THICKNESS: 0.12MM
 - DETECT PIN: TITANIUM COPPER, THICKNESS: 0.12MM
 - SHELL: STAINLESS STEEL, THICKNESS: 0.10MM
 - 2. PLATING FINISHES:
 - 2.1 TERMINAL:-
 - CONTACT: 0.38um MIN. GOLD ON CONTACT AREA OVER 2.00um MIN. NICKEL UNDERPLATE.
 - SOLDERTAIL: 0.025um MIN. GOLD FLASH OVER 2.00um MIN. NICKEL UNDERPLATE.
 - 2.2 SHELL:-
 - CONTACT: 0.05um MIN. GOLD ON CONTACT AREA OVER 2.00um MIN. NICKEL UNDERPLATE.
 - SOLDERTAIL: 0.025um MIN. GOLD FLASH OVER 2.00um MIN. NICKEL UNDERPLATE.
 - 2.3 DETECT PIN:-
 - CONTACT: 0.127um MIN. GOLD ON CONTACT AREA OVER 2.00um MIN. NICKEL UNDERPLATE.
 - SOLDERTAIL: 1.27um MIN. MATTE TIN OVER 2.00um MIN. NICKEL UNDERPLATE.
 - 3. PRODUCT SPECIFICATION: PS-151073-0001
 - 4. PACKAGING SPECIFICATION: PK-151073-0001
 - 5. OVERALL (SOLDERTAIL & SOLDERTAB) COPLANARITY 0.08MM MAX. BEFORE REFLOW.
 - 6. CONNECTOR TO BE USED TOGETHER WITH MOLEX NANO SIM CARD TRAY ONLY.
 - △ DIMENSION INCLUSIVE OF BULGE
 - 8. CUSTOMER STENCIL THICKNESS: 0.10 ~ 0.12mm AND STENCIL OPENING: 1:1 MIN , 1:1.5 MAX

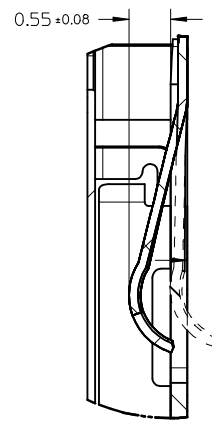
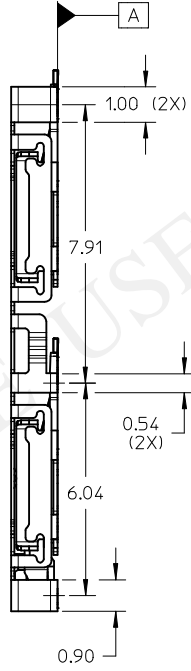
DETAIL1



SECTION Z-Z



CUTAWAY1

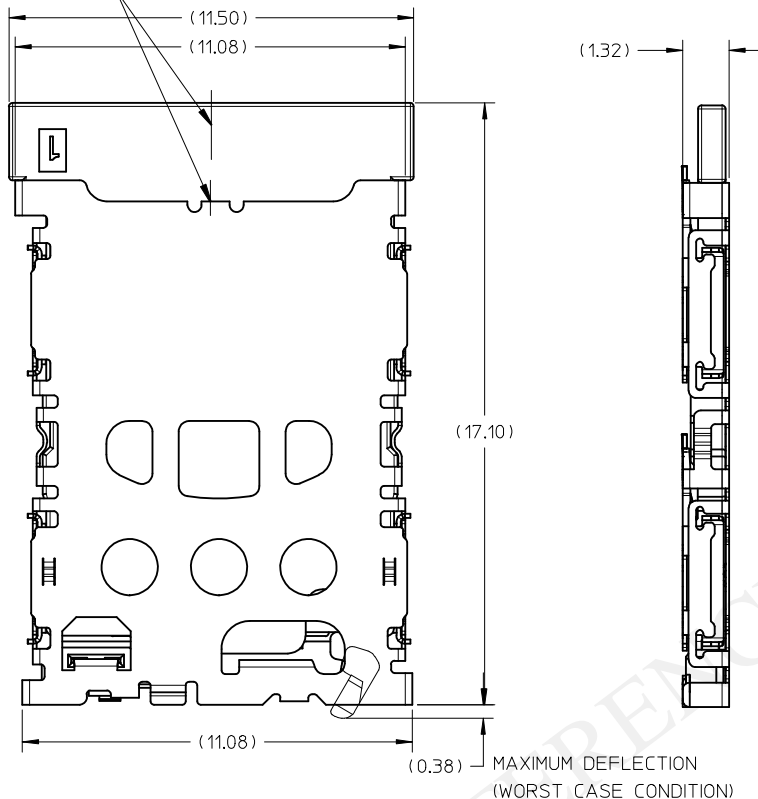


DETAIL1

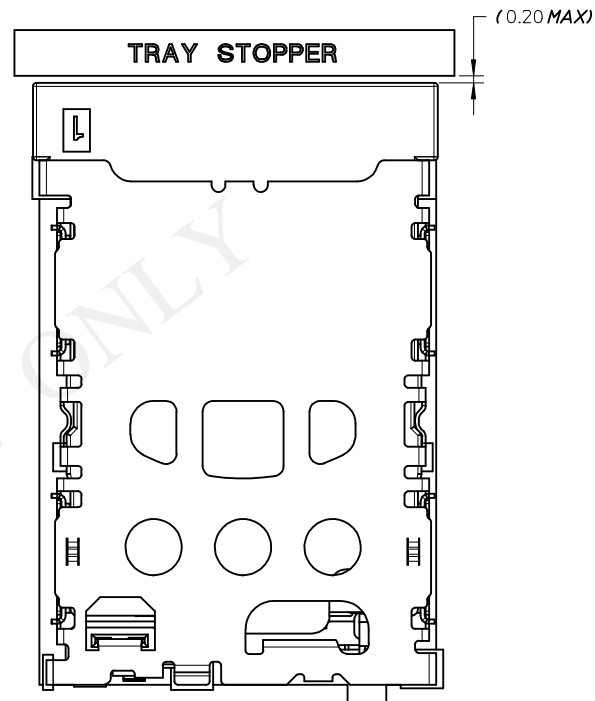
PRELIM. RELEASE EC NO: S2016-0054 DRWNS:SCHEONG 2015/07/07 CHKD: APPR:SCHEONG 2015/07/14 REV	QUALITY SYMBOLS $\nabla F = 0$ $\nabla F = 6$ $\nabla F = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY SCHEONG CHECKED BY APPROVED BY SCHEONG MATERIAL NO. SEE TABLE	SCALE NTS DESIGN UNITS METRIC DATE 2015/07/07 DATE 2015/07/14	THIRD ANGLE PROJECTION TITLE NANO SIM CONNECTOR 1.32MM HEIGHT WITH TRAY AND DETECT PIN molex DOCUMENT NO. SD-151073-0010 SHEET NO. 1 OF 3
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	SIZE A3				
	1				

9 8 7 6 5 4 3 2 1

CENTRELINES OF TRAY AND CONNECTOR OPENING ARE THE SAME



CONNECTOR WITH TRAY

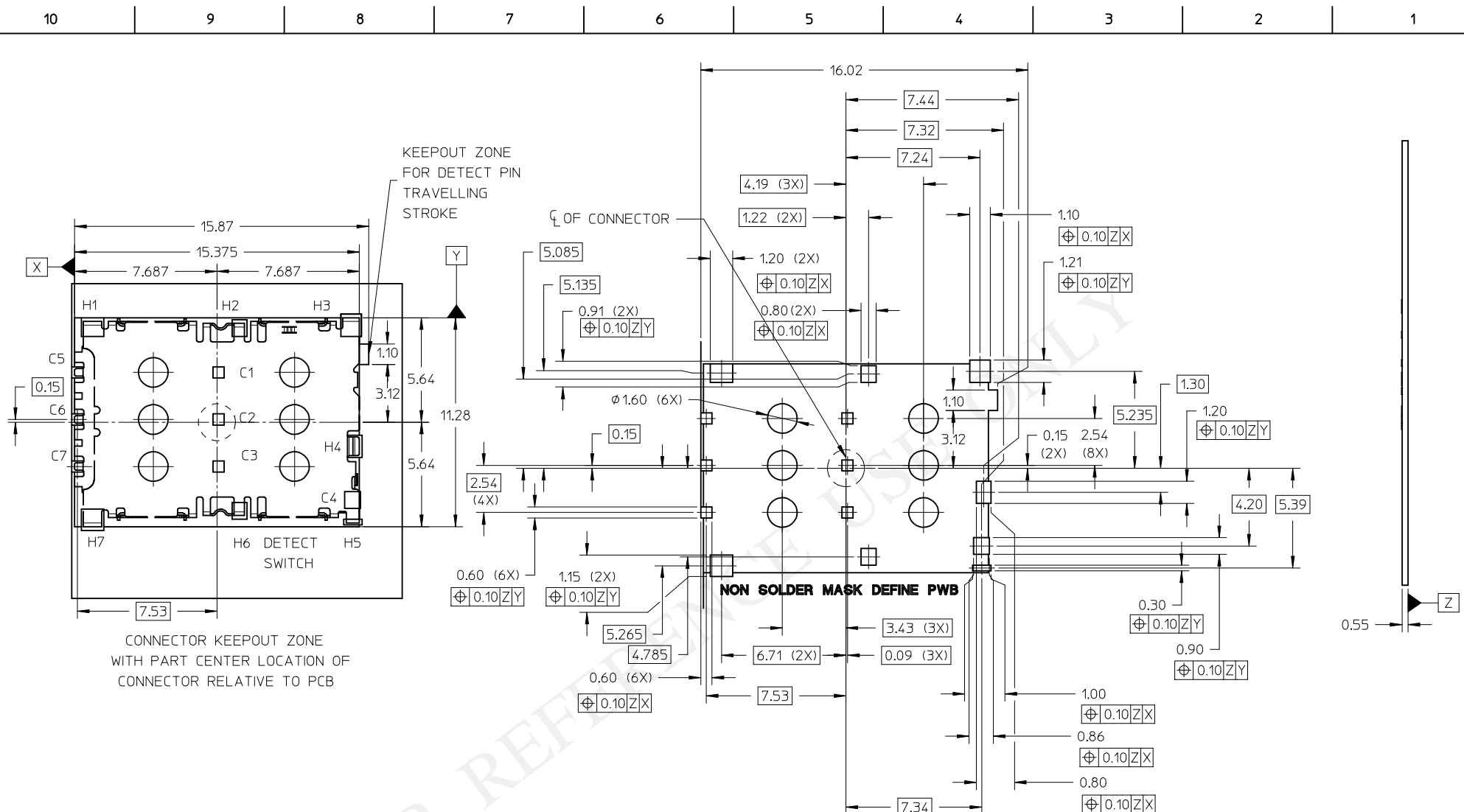


SYSTEM LEVEL

DESCRIPTION	PART NUMBER
CONNECTOR	151073-0001
NANO SIM CARD TRAY	151073-0030

CARD INSERTION STATE	DETECT SWITCH CIRCUIT STATE	SCHEMATIC
CARD MATED	OPENED	
CARD UNMATED	CLOSED	

PRELIM. RELEASE EC NO: S2016-0054 DRWNS: SCHEONG 2015/07/07 CHKD: APPR: SCHEONG 2015/07/14	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES \pm --- \pm --- 3 PLACES \pm --- \pm --- 2 PLACES ± 0.10 \pm --- 1 PLACE \pm --- \pm --- 0 PLACE \pm --- \pm ---	mm INCH	DRAWN BY: SCHEONG CHECKED BY:	DATE: 2015/07/07 DATE:	TITLE NANO SIM CONNECTOR 1.32MM HEIGHT WITH TRAY AND DETECT PIN			
		ANGULAR $\pm 3^\circ$		APPROVED BY: SCHEONG MATERIAL NO.	DATE: 2015/07/14	DOCUMENT NO. SD-151073-0010			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SHEET NO. 2 OF 3			



RECOMMENDED PWB LAYOUT
 (NON SOLDER MASK DEFINE PWB)
 PWB TOLERANCE: ±0.05MM

PRELIM. RELEASE EC NO: S2016-0054 DRWN: SCHEONG CHKD: APPR: SCHEONG 2015/07/07 2015/07/14	QUALITY SYMBOLS $F=0$ $F=0$ $F=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	mm INCH	DRAWN BY SCHEONG	DATE 2015/07/07	TITLE NANO SIM CONNECTOR 1.32MM HEIGHT WITH TRAY AND DETECT PIN			
		ANGULAR ± 3 °		CHECKED BY	DATE	molex			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY SCHEONG	DATE 2015/07/14	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-151073-0010	SHEET NO. 3 OF 3	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION