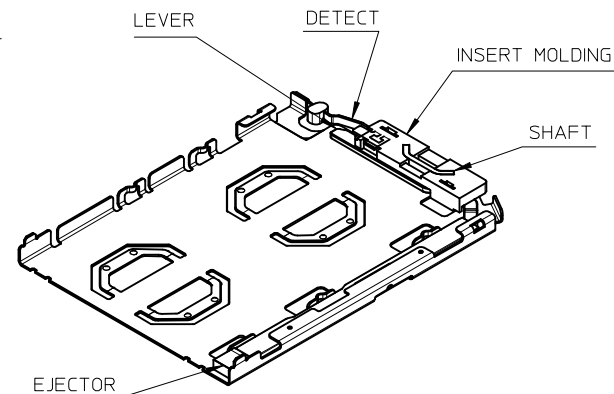
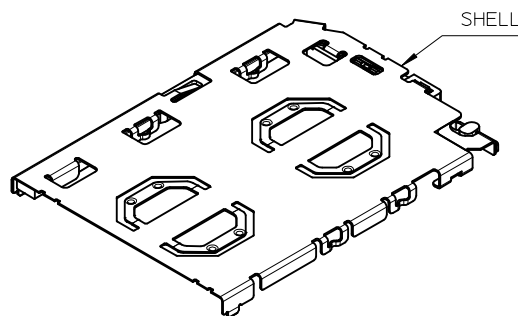


10 9 8 7 6 5 4 3 2 1

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



NOTES:

1. MATERIALS:

INSERT MOLD HOUSING: LCP, UL94V-0;
LEVER, SHAFT, EJECTOR, SHELL: STAINLESS STEEL;
DETECT SPRING: COPPER ALLOY;

2. FINISHES:

DETECT SPRING:

1.27um MIN. NICKEL UNDERPLATING OVERALL;
0.127um MIN. GOLD PLATING ON CONTACT AREA;
1.27 um MIN. TIN PLATING ON SOLDERING TAIL;

SHELL:

1.27um MIN NICKEL UNDERPLATING OVERALL;
0.025um MIN GOLD PLATING ON CONTACT AREA AND SOLDERING AREA;
SHAFT: 1.27um MIN TIN ON SOLDERING TAIL;

3. PRODUCT SPECIFICATION: PS-151031-001;

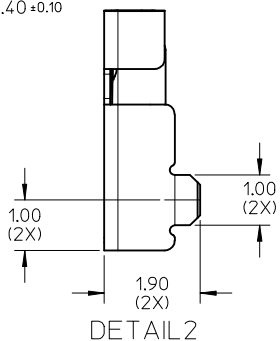
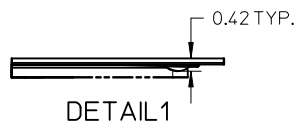
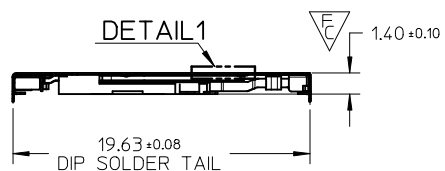
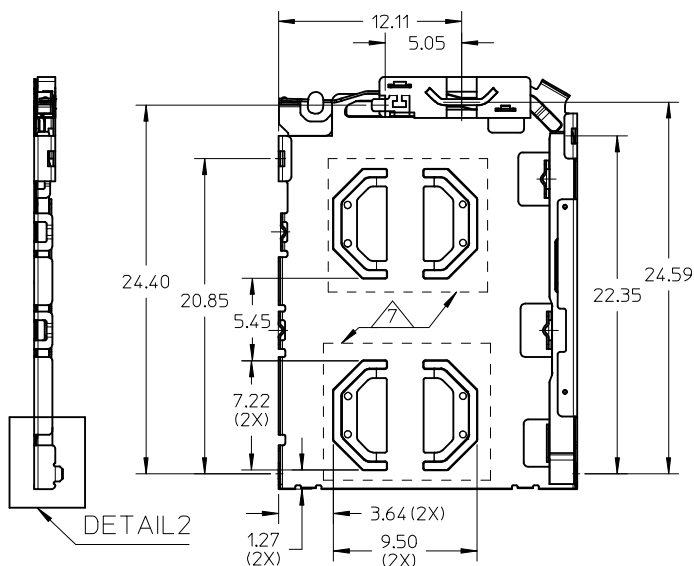
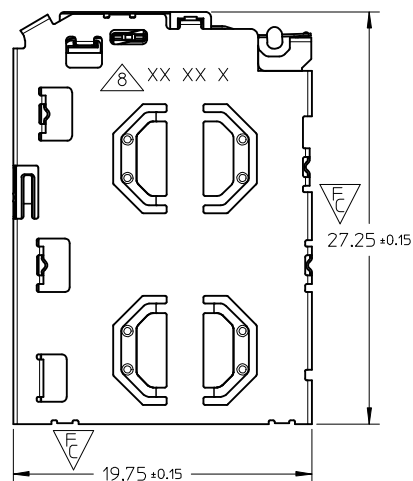
4. PACKAGING SPECIFICATION: PK-151031-001;PK-151032-001

5. SOLDER TAIL COPLANARITY: 0.10 MM MAX BEFORE REFLOW

6. THIS PART IS A FRAME ONLY, IT SHOULD BE USED TOGETHER WITH 0.35MM BLOCK SIM 151032 FOR AN ENTIRE SIM POP OUT SYSTEM;
7. 0.10 MINIMUM KEEP OUT ZONE FROM TOP SURFACE OF SHELL DURING INSERTION AND WITHDRAWAL OF TRAY (WITH SIM CARD)

8. DATE CODE PRINTED: XX XX X

DAY
WEEK
YEAR



CHANGE BLOCK SIM AND TRAY
EC NO: S2014-0434
DRWN: JZENG
CHKD: JTAN02
APPR: KHLIM
2013/11/04
2014/01/02
2014/01/27

QUALITY SYMBOLS
F_A=0
F_G=4
F_P=0
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.20 ± ---
1 PLACE ± 0.20 ± ---
0 PLACE ± --- ± ---
ANGULAR ± 3 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
JZENG 2013/11/04
CHECKED BY DATE
JTAN02 2013/12/05
APPROVED BY DATE
KHLIM 2014/01/27
MATERIAL NO.
1510310001
SIZE
A3

SCALE
NTS
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION
TITLE
DUAL MICRO SIM FRAME
1.40 H
DOCUMENT NO.
SD-151031-0001
SHEET NO.
1 OF 5
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

10 9 8 7 6 5 4 3 2 1

F

E

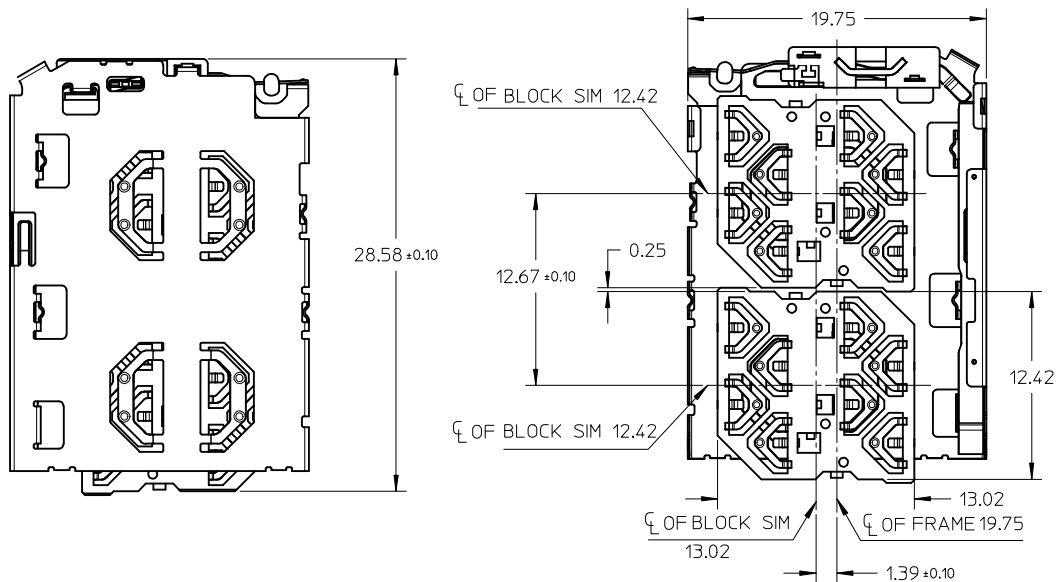
D

C

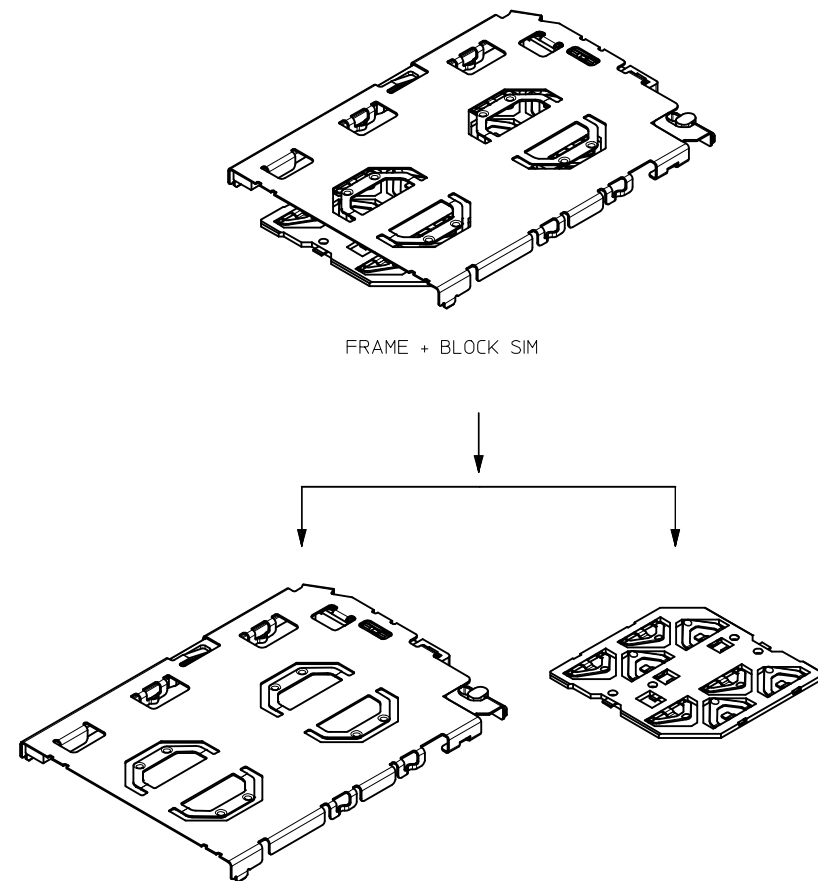
B

A

SIM CONNECTOR
(WITH 151032 BLOCK SIM CONNECTOR)



SIM CONNECTOR BOM



151032 SERIES

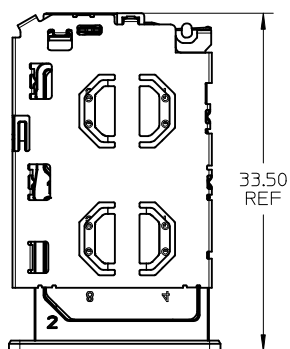
151031 SERIES

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

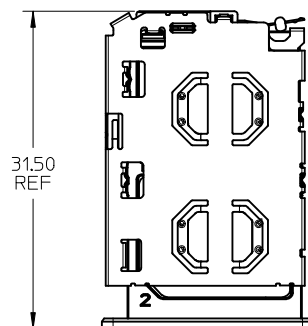
SEE SHEET1 EC NO: S2014-0434 DRWN: JZENG CHKD: JTAN02 APPR: KHLIM	DESCRIPTION REV	QUALITY SYMBOLS FA=0 FG=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JZENG	DATE 2013/11/04	TITLE DUAL MICRO SIM FRAME 1.40 H				
			4 PLACES	± ---	± ---	CHECKED BY JTAN02	DATE 2013/12/05					
			3 PLACES	± ---	± ---	APPROVED BY KHLIM		DATE 2014/01/27	molex			
			2 PLACES	± 0.20	± ---							
			1 PLACE	± 0.20	± ---							
0 PLACE	± ---	± ---	MATERIAL NO. 1510310001		DOCUMENT NO. SD-151031-0001			SHEET NO. 2 OF 5				
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									

10 9 8 7 6 5 4 3 2 1

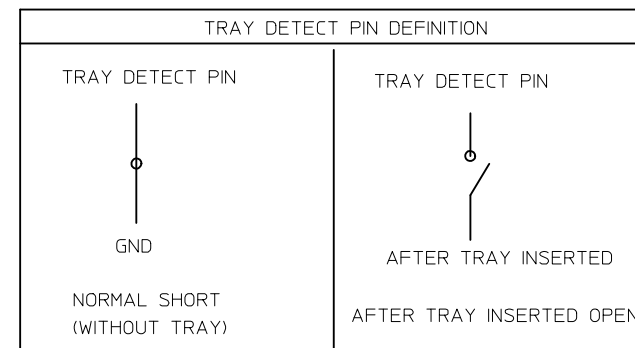
SIM CONNECTOR FRAME AND TRAY



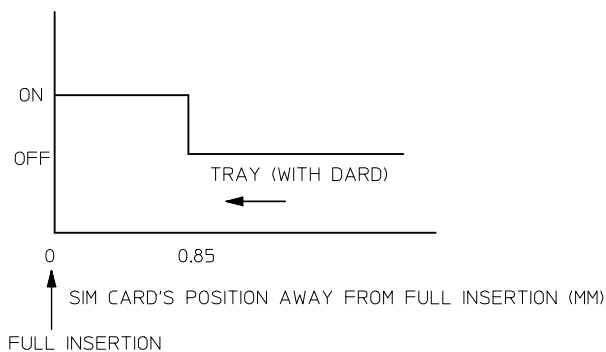
TRAY EJECTED POSITION



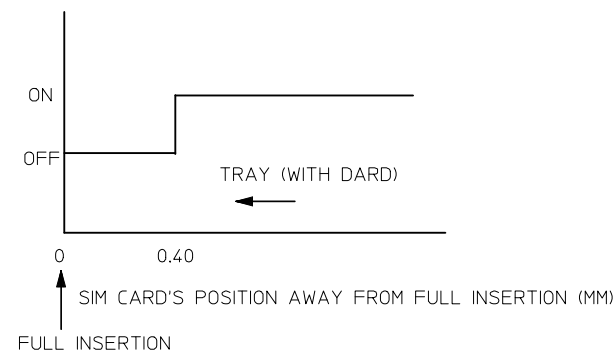
TRAY INSERTION POSITION



SIGNAL PIN



DETECT SWITCH PIN



ENTER DESCRIPTION EC NO: S2014-0434 DRWN: JZENG CHKD: JTAN02 APPR: KHLIM	DESCRIPTION REV 7	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					DRAWN BY JZENG		DATE 2013/11/04		TITLE DUAL MICRO SIM FRAME 1.40 H			
					CHECKED BY JTAN02		DATE 2013/12/05					
					APPROVED BY KHLIM		DATE 2014/01/27		DOCUMENT NO. SD-151031-0001			
					MATERIAL NO. 1510310001							
					SIZE A3							
					ANGULAR $\pm 3^\circ$				SHEET NO. 3 OF 5			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

9 8 7 6 5 4 3 2 1

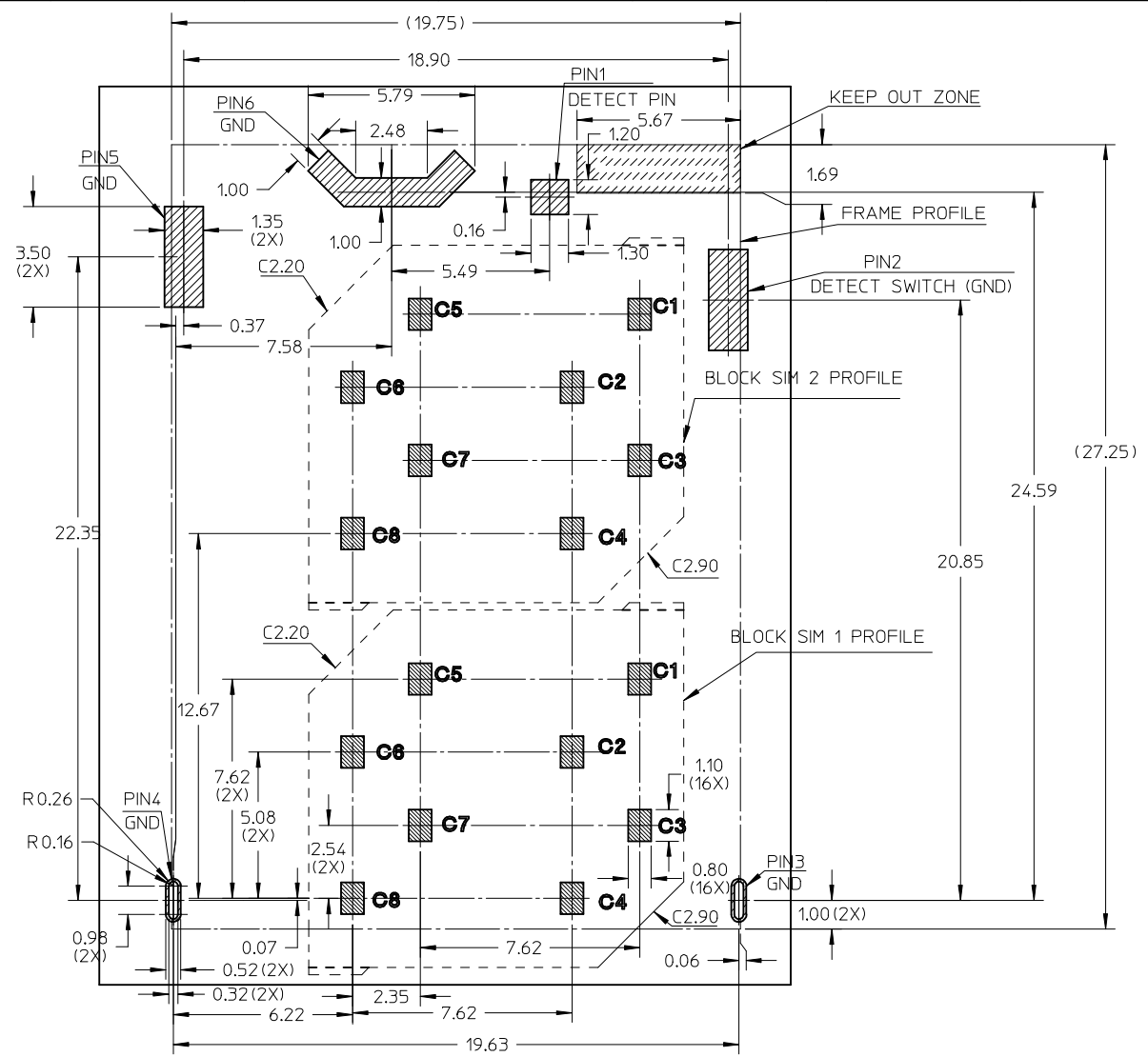
F

E

151031 FRAME SOLDERING AREA:

151032 BLOCK SIM SOLDERING AREA:

KEEP OUT ZONE:



B

A

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

RECOMMENDED PCB LAYOUT: TOLERANCE ±0.05

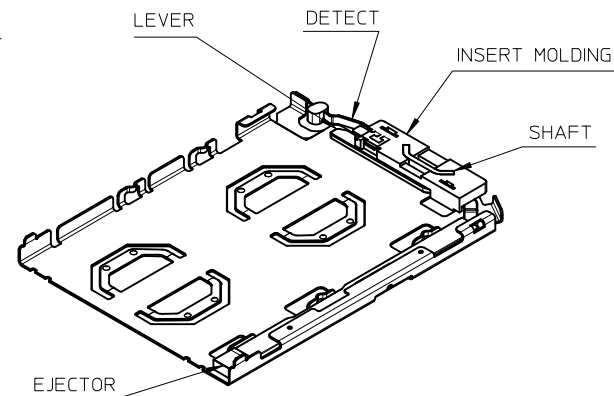
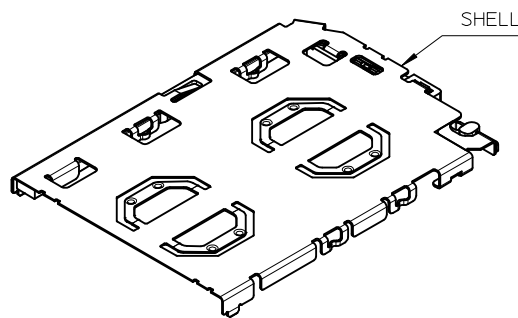
RECOMMENDED PCB THICKNESS: 0.80MM

RECOMMENDED STENCIL THICKNESS: 0.10MM

SEE SHEET 1 EC NO: S2014-0434 DRWN: JZENG CHKD: JTAN02 APPR: KHL IM 7	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY JZENG	DATE 2013/11/04	TITLE DUAL MICRO SIM FRAME 1.40 H				
			4 PLACES	± ---	± ---	CHECKED BY JTAN02	DATE 2013/12/05					
			3 PLACES	± ---	± ---	APPROVED BY KHL IM		DATE 2014/01/27	molex			
			2 PLACES	± 0.20	± ---							
			1 PLACE	± 0.20	± ---							
			0 PLACE	± ---	± ---	MATERIAL NO. 1510310001		DOCUMENT NO. SD-151031-0001		SHEET NO. 5 OF 5		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

10 9 8 7 6 5 4 3 2 1

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



NOTES:

1. MATERIALS:

INSERT MOLD HOUSING: LCP, UL94V-0;
LEVER, SHAFT, EJECTOR, SHELL: STAINLESS STEEL;
DETECT SPRING: COPPER ALLOY;

2. FINISHES:

DETECT SPRING:

1.27um MIN. NICKEL UNDERPLATING OVERALL;
0.127um MIN. GOLD PLATING ON CONTACT AREA;
1.27 um MIN. TIN PLATING ON SOLDERING TAIL;
SHELL:

1.27um MIN NICKEL UNDERPLATING OVERALL;
0.025um MIN GOLD PLATING ON CONTACT AREA AND SOLDERING AREA;
SHAFT: 1.27um MIN TIN ON SOLDERING TAIL;

3. PRODUCT SPECIFICATION: PS-151031-001;

4. PACKAGING SPECIFICATION: PK-151031-001;PK-151032-001

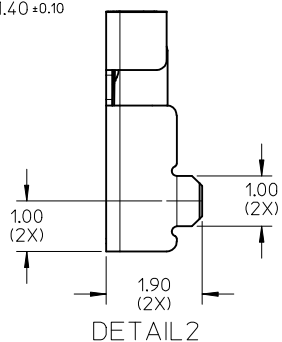
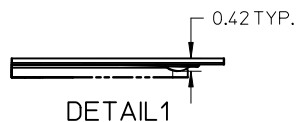
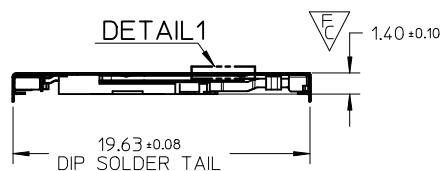
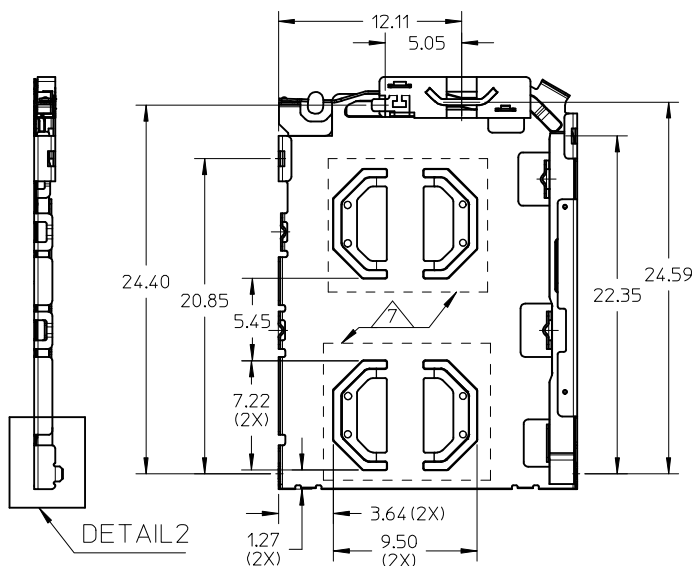
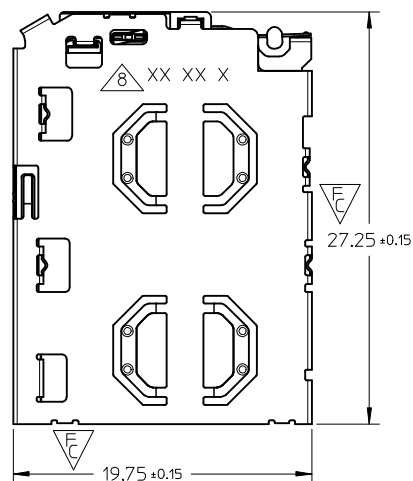
5. SOLDER TAIL COPLANARITY: 0.10 MM MAX BEFORE REFLOW

6. THIS PART IS A FRAME ONLY, IT SHOULD BE USED TOGETHER WITH 0.35MM BLOCK SIM 151032 FOR AN ENTIRE SIM POP OUT SYSTEM;

7. 0.10 MINIMUM KEEP OUT ZONE FROM TOP SURFACE OF SHELL DURING INSERTION AND WITHDRAWAL OF TRAY (WITH SIM CARD)

8. DATE CODE PRINTED: XX XX X

DAY
WEEK
YEAR



UPDATED DRAWING
EC NO: S2014-0434
2013/12/13
DRWN: JZENG
CHKD: JIAN02
2014/01/02
APPR: KHLIM
2014/01/27

QUALITY SYMBOLS
F_A=0
F_G=4
F_P=0

	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± 0.20	± ---
0 PLACE	± ---	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
JZENG	2013/12/13
CHECKED BY	DATE
APPROVED BY	DATE
KHLIM	2014/01/27
MATERIAL NO.	
1510310001	
SIZE	A3

SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
TITLE			
DUAL MICRO SIM FRAME 1.40H			
7 molex			
DOCUMENT NO. SD-151031-0002			SHEET NO. 1 OF 4
AINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

Technical drawings of a rectangular block, showing front and top views with dimensions and feature labels.

Front View (Left):

- Overall width: 28.88 ± 0.10
- Internal features include four rectangular blocks arranged in a 2x2 grid, each with a central circular feature and a rectangular slot.

Top View (Right):

- Overall width: 19.75
- Overall height: 12.42
- Internal features include four rectangular blocks arranged in a 2x2 grid, each with a central circular feature and a rectangular slot.
- Dimensions and labels for the top view:
 - Distance from top edge to center of top row of blocks: 12.97 ± 0.10
 - Distance from center of top row of blocks to center of bottom row of blocks: 0.55
 - Distance from left edge to center of left column of blocks: 13.02
 - Distance from center of left column of blocks to center of right column of blocks: 13.02
 - Distance from right edge to center of right column of blocks: 13.02
 - Distance from bottom edge to center of bottom row of blocks: 13.90 ± 0.10
 - Label: ϕ OF BLOCK SIM 12.42 (pointing to the center of the top row of blocks)
 - Label: ϕ OF BLOCK SIM 12.42 (pointing to the center of the bottom row of blocks)
 - Label: ϕ OF FRAME 19.75 (pointing to the center of the frame)

SIM CONNECTOR BOM

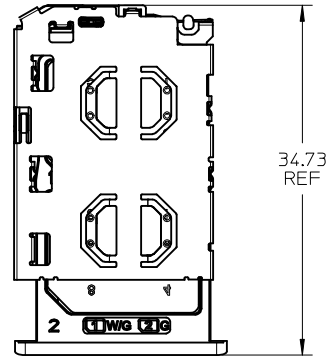
FRAME + BLOCK SIM

151031 SERIES

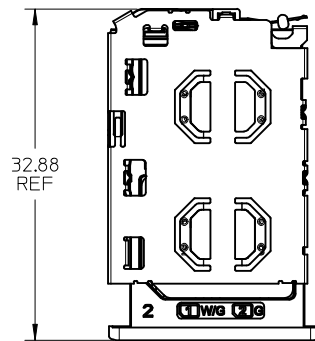
SEE SHEET1 EC NO: S2014-0434 DRAWN: JENG CHK'D: TANO2 APPR: KHLIM	2013/12/13	2014/01/02	2014/01/27	QUALITY SYMBOLS  = 0  = 0  = 0	DESCRIPTION DUAL MICRO SIM FRAME 1.40H 	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION																	
	<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>± 0.20</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.20</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>						mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± 0.20	± ---	0 PLACE	± ---	± ---	DRAWN BY DATE JZENG 2013/12/13		TITLE DUAL MICRO SIM FRAME 1.40H				
		mm	INCH																											
	4 PLACES	± ---	± ---																											
	3 PLACES	± ---	± ---																											
2 PLACES	± 0.20	± ---																												
1 PLACE	± 0.20	± ---																												
0 PLACE	± ---	± ---																												
			CHECKED BY DATE KHLIM 2014/01/27																											
ANGULAR ± 3 °			APPROVED BY DATE KHLIM 2014/01/27		MATERIAL NO. DOCUMENT NO. SHEET NO. 1510310001 SD-151031-0002 2 OF 4																									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3																											
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																														

10 9 8 7 6 5 4 3 2 1

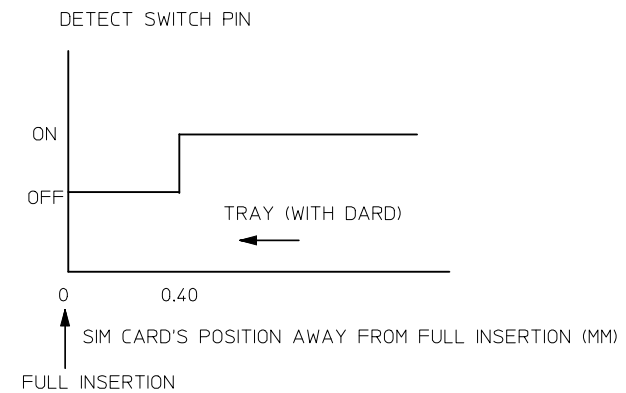
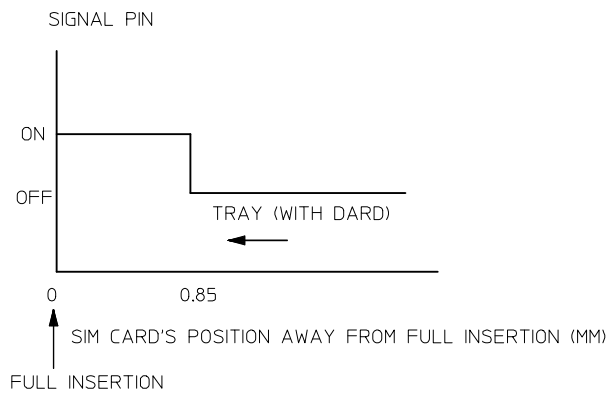
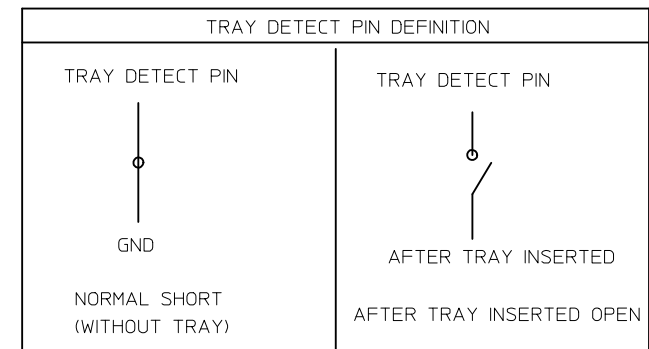
SIM CONNECTOR FRAME AND TRAY



TRAY EJECTED POSITION



TRAY INSERTION POSITION



SEE SHEET 1 EC NO: S2014-0434 DRWN: JZENG CHKD: JIAN02 APPR: KHLIM	2013/12/13 2014/01/02 2014/01/27	DESCRIPTION	QUALITY SYMBOLS FA=0 FG=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY JZENG	DATE 2013/12/13	TITLE DUAL MICRO SIM FRAME 1.40H				
				4 PLACES	±---	±---	CHECKED BY	DATE					
				3 PLACES	±---	±---	APPROVED BY KHLIM DATE 2014/01/27		molex				
				2 PLACES	±0.20	±---							
				1 PLACE	±0.20	±---							
				0 PLACE	±---	±---							
				ANGULAR ± 3 °			MATERIAL NO. 1510310001		DOCUMENT NO. SD-151031-0002			SHEET NO. 3 OF 4	
				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						





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Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

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- Широкий ассортимент
- Минимальные сроки поставок
- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование
- Работаем по 275 ФЗ