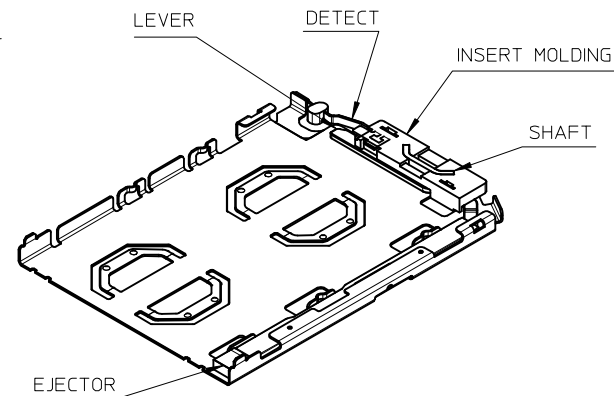
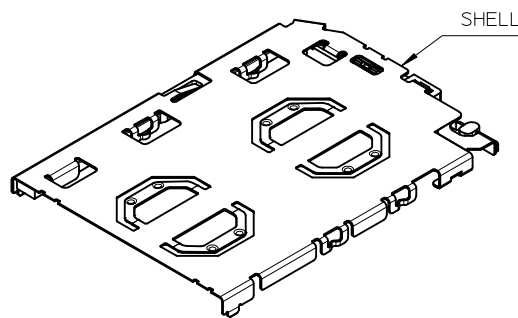


10 9 8 7 6 5 4 3 2 1

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;

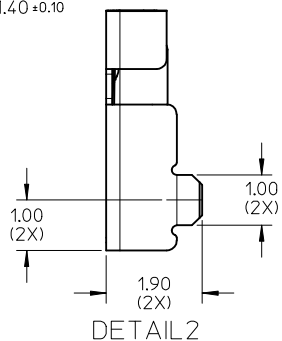
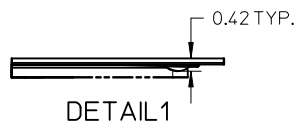
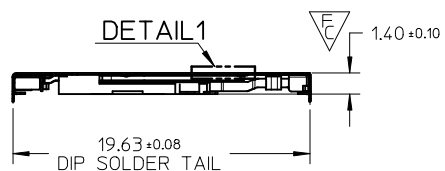
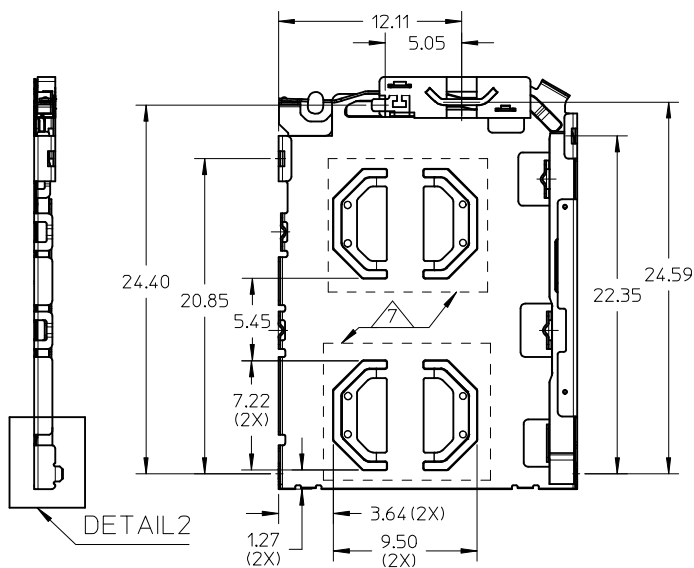
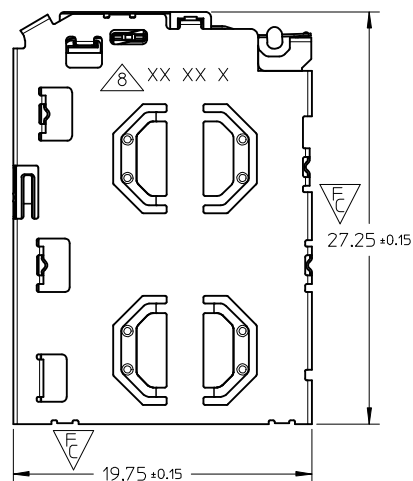
4. PACKAGING SPECIFICATION: PK-151031-001;PK-151032-001

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	2013/11/04
DRWN: JZENG	2014/01/02
CHKD: JTAN02	2014/01/27
APPR: KHLIM	
REV	

QUALITY SYMBOLS	DESCRIPTION
F _A =0	
F _G =4	
F _P =0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm
4 PLACES	± 0.10
3 PLACES	± 0.15
2 PLACES	± 0.20
1 PLACE	± 0.25
0 PLACE	± 0.30
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	

SCALE	DESIGN UNITS
NTS	METRIC
THIRD ANGLE PROJECTION	
TITLE	
DUAL MICRO SIM FRAME	
1.40 H	

molex

DOCUMENT NO.	SHEET NO.
SD-151031-0001	1 OF 5

10 9 8 7 6 5 4 3 2 1

F

E

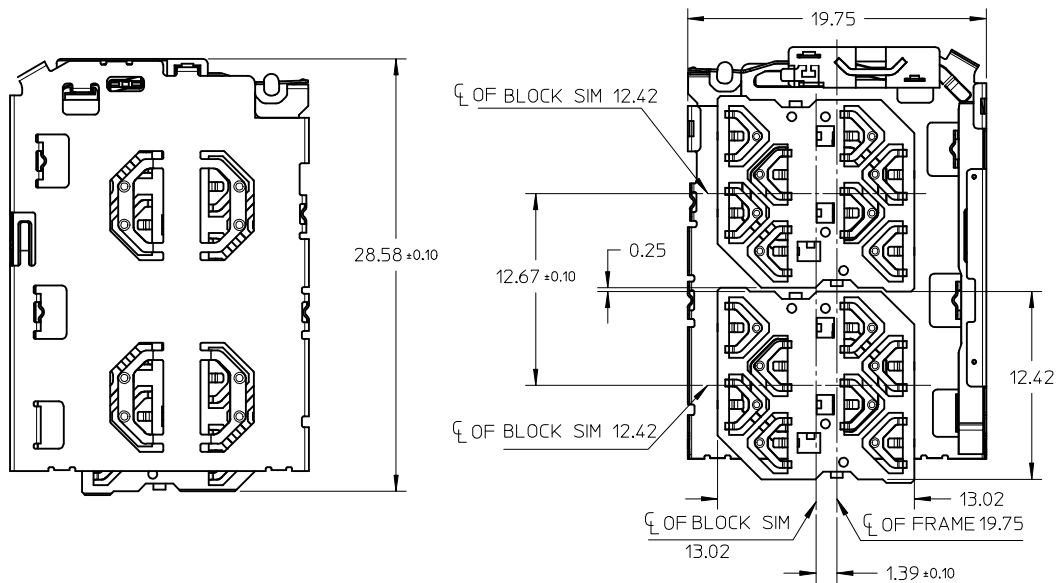
D

C

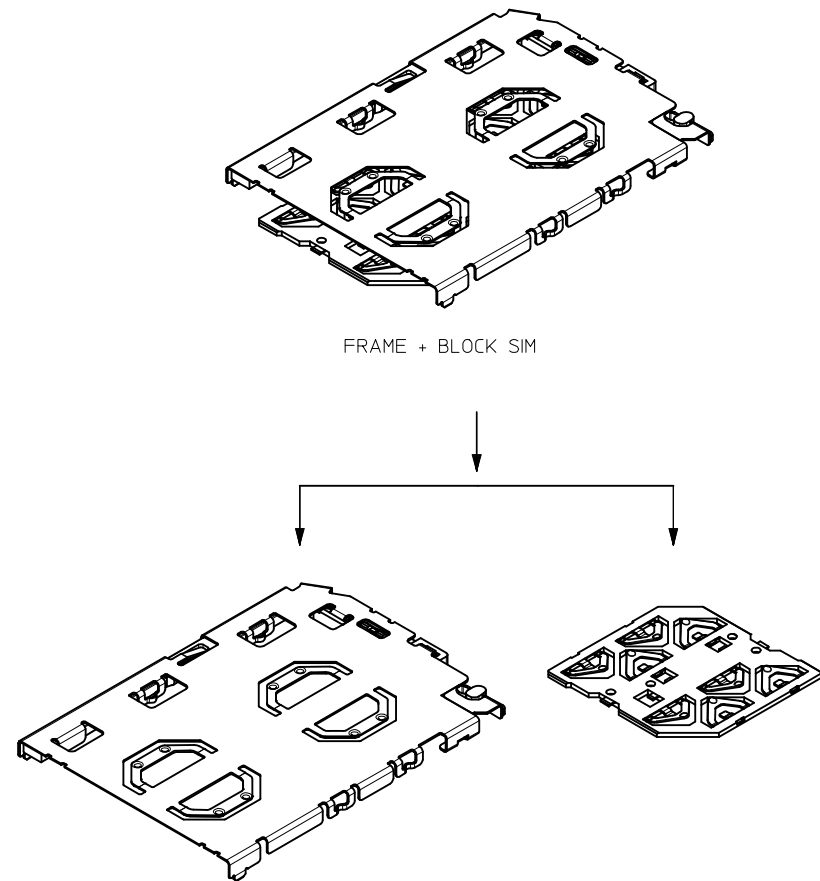
B

A

SIM CONNECTOR
(WITH 151032 BLOCK SIM CONNECTOR)



SIM CONNECTOR BOM



151032 SERIES

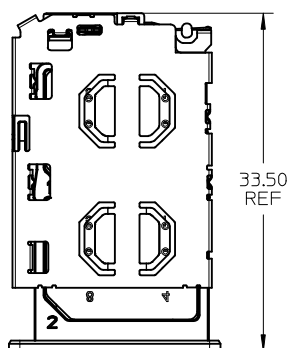
151031 SERIES

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

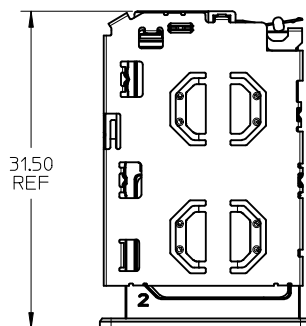
SEE SHEET1 EC NO: S2014-0434 DRWN: JZENG CHKD: JTAN02 APPR: KHLIM	2013/11/04 2014/01/02 2014/01/27	DESCRIPTION REV	QUALITY SYMBOLS F _A =0 F _B =0 F _C =0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY JZENG	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	± ---	MATERIAL NO. 1510310001					DOCUMENT NO. SD-151031-0001
				1 PLACE	± 0.20	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
				0 PLACE	± ---	± ---						
				ANGULAR ± 3 °								
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

10 9 8 7 6 5 4 3 2 1

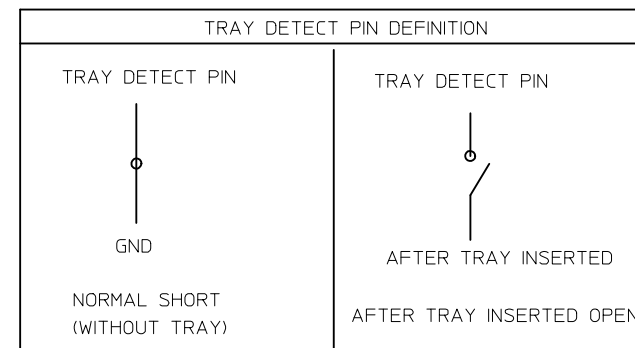
SIM CONNECTOR FRAME AND TRAY



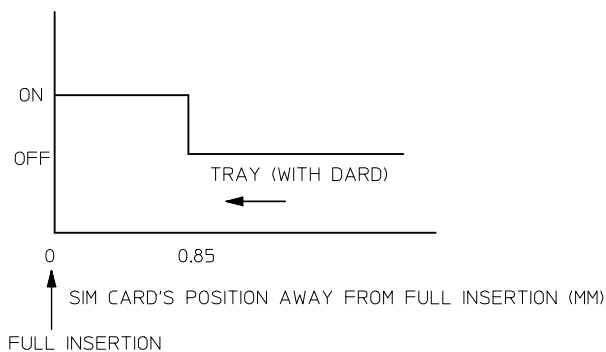
TRAY EJECTED POSITION



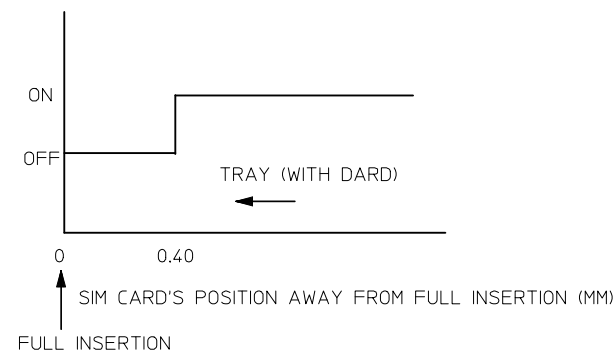
TRAY INSERTION POSITION



SIGNAL PIN

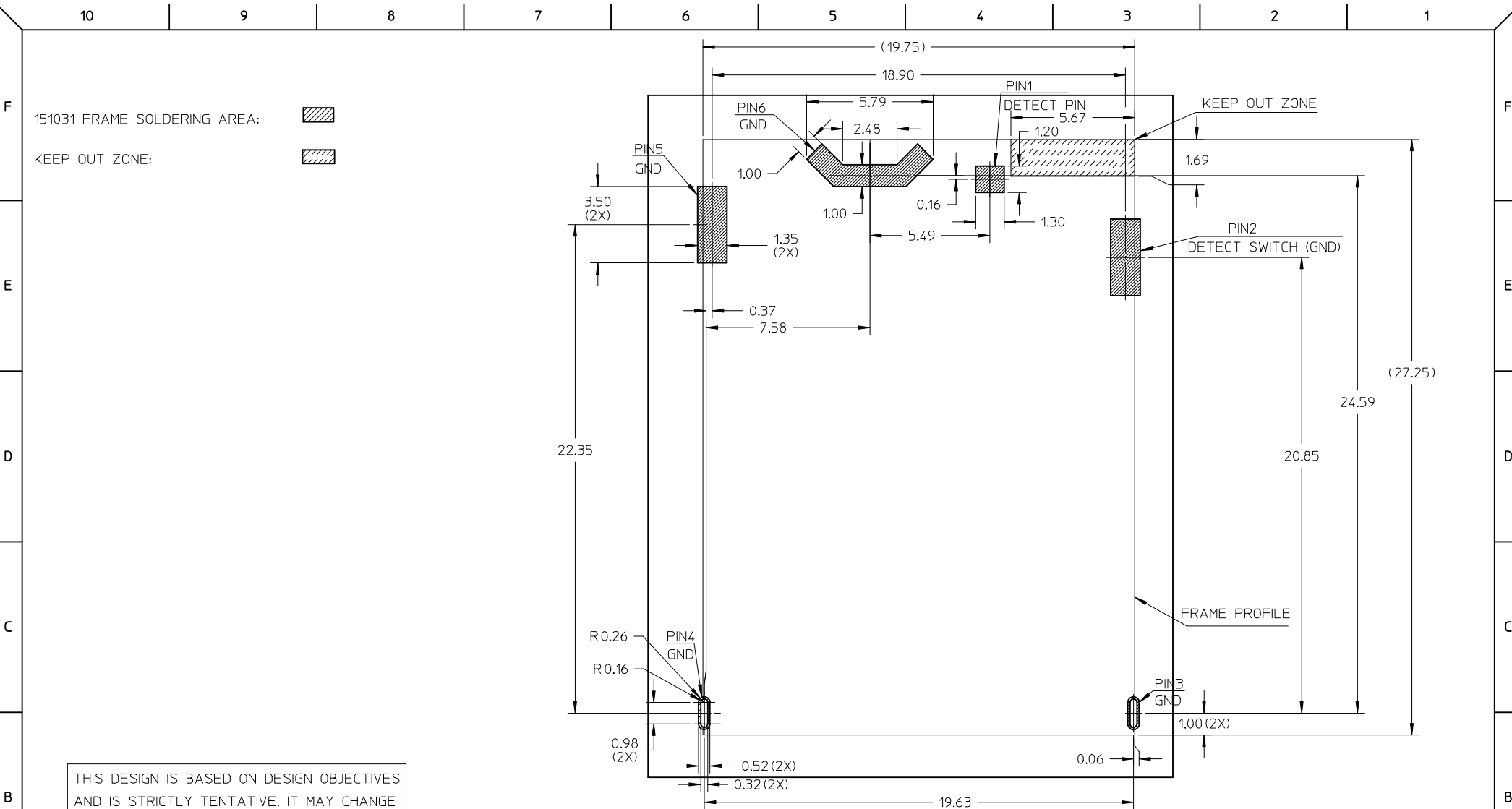


DETECT SWITCH PIN



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				
				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	DOCUMENT NO. SD-151031-0001				
			2 PLACES	± 0.20	± ---	MATERIAL NO. 1510310001							
			1 PLACE	± 0.20	± ---	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			0 PLACE	± ---	± ---	ANGULAR ± 3 °							SHEET NO. 3 OF 5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													

9 8 7 6 5 4 3 2 1

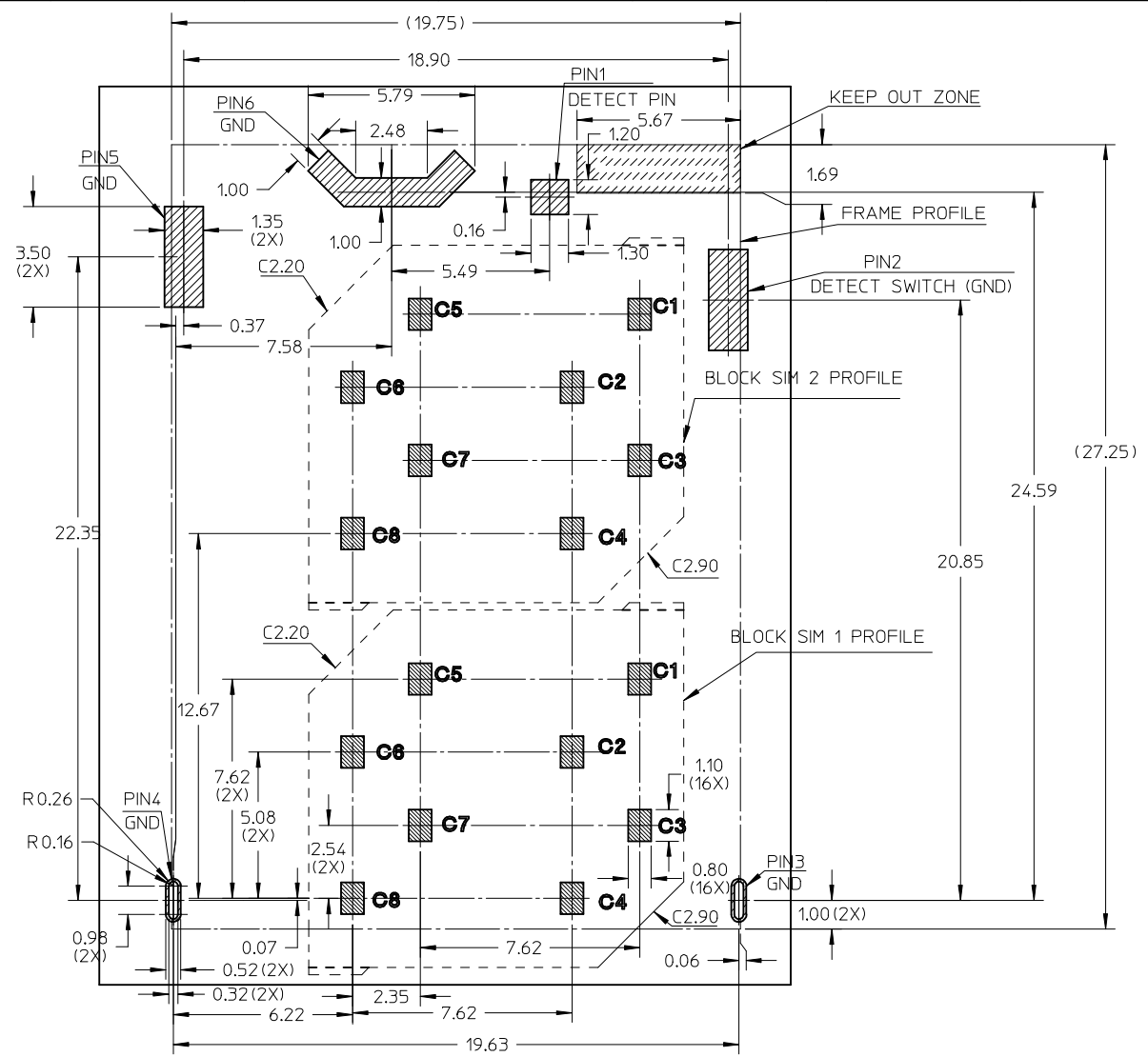


THIS DESIGN IS BASED ON DESIGN OBJECTIVES
AND IS STRICTLY TENTATIVE. IT MAY CHANGE
BASED ON RESULTS OF ADDITIONAL DESIGN
REVIEWS & VERIFICATIONS.

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: KHLIM	DESCRIPTION REV	QUALITY SYMBOLS </
--	--------------------	--

151031 FRAME SOLDERING AREA: 
151032 BLOCK SIM SOLDERING AREA: 
KEEP OUT ZONE: 



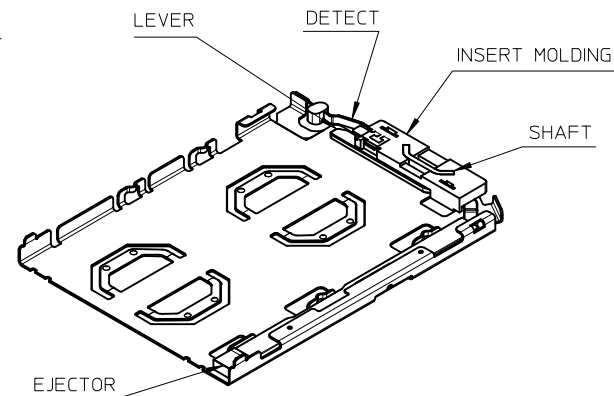
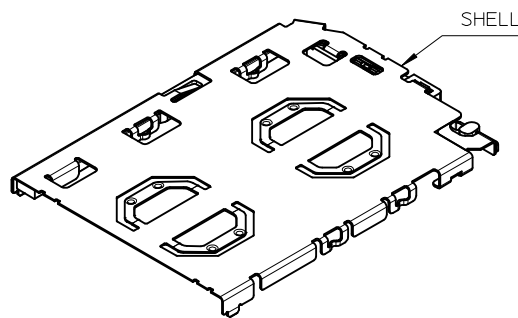
THIS DESIGN IS BASED ON DESIGN OBJECTIVES AND IS STRICTLY TENTATIVE. IT MAY CHANGE BASED ON RESULTS OF ADDITIONAL DESIGN REVIEWS & VERIFICATIONS.

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 	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	± ---	MATERIAL NO. 1510310001	DOCUMENT NO. SD-151031-0001					SHEET NO. 5 OF 5
			1 PLACE	± 0.20	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
			0 PLACE	± ---	± ---							
ANGULAR ± 3 °												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												

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

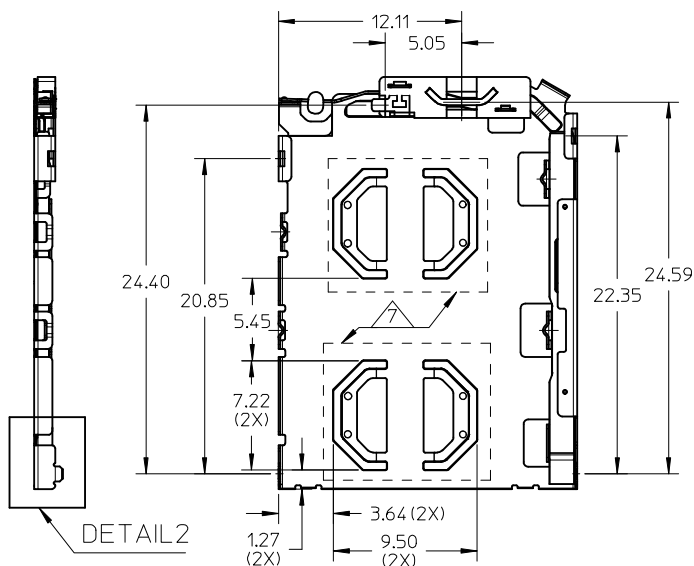
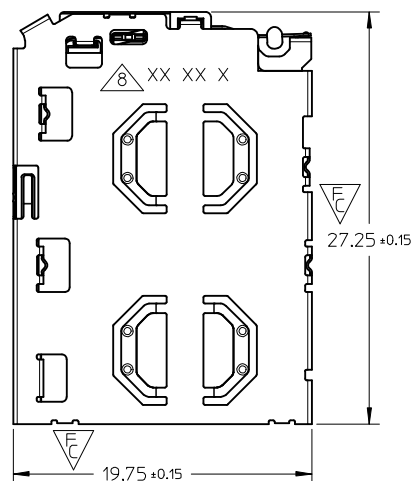
5. SOLDER TAIL COPLANARITY: 0.10 MM MAX BEFORE REFLOW

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;

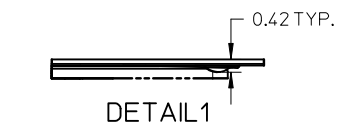
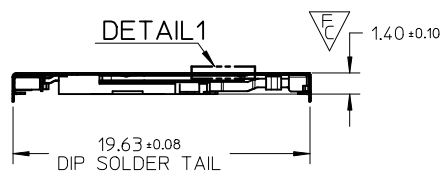
7. 0.10 MINIMUM KEEP OUT ZONE FROM TOP SURFACE OF SHELL DURING INSERTION AND WITHDRAWAL OF TRAY (WITH SIM CARD)

8. DATE CODE PRINTED: XX XX X

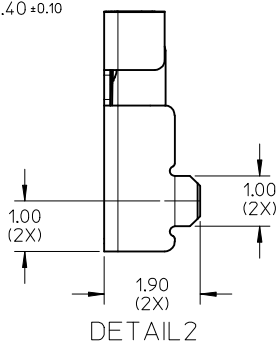
DAY
WEEK
YEAR



DETAIL2



DETAIL1



DETAIL2

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
KHLIM	2014/01/27

APPROVED BY	DATE
KHLIM	2014/01/27

MATERIAL NO.
1510310001

SCALE
NTS

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
DUAL MICRO SIM FRAME
1.40H

moLEX

DOCUMENT NO.
SD-151031-0002

SHEET NO.
1 OF 4

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

F

E

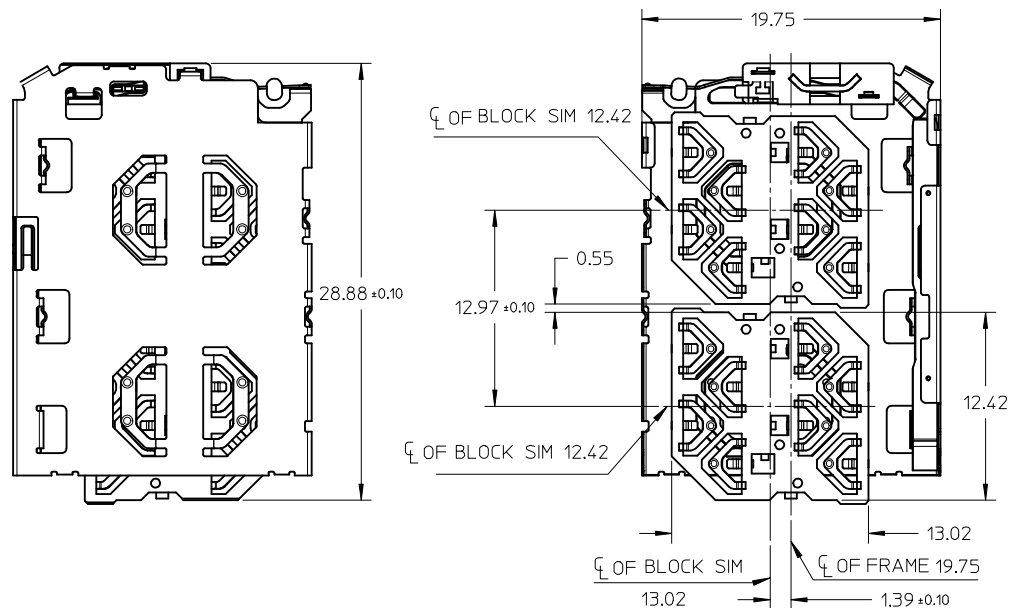
D

C

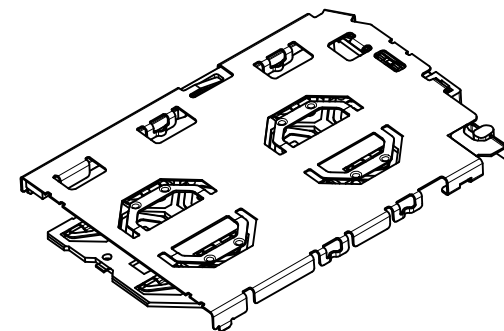
B

A

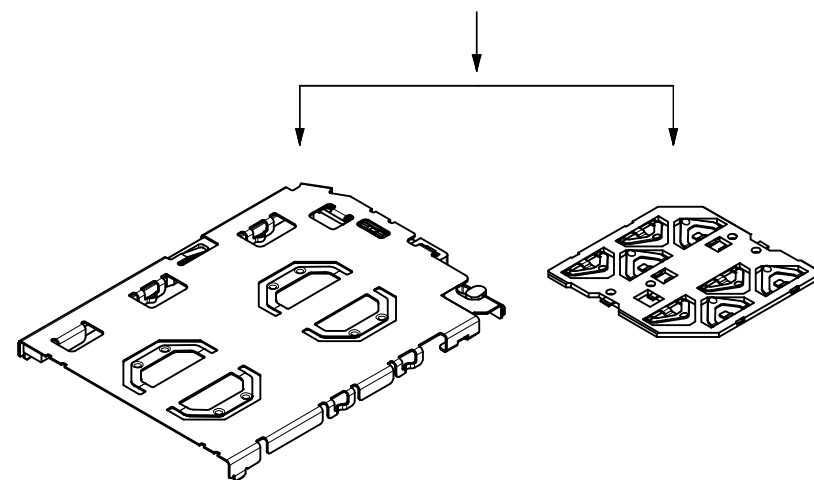
SIM CONNECTOR
(WITH 151032 BLOCK SIM CONNECTOR)



SIM CONNECTOR BOM



FRAME + BLOCK SIM



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
2013/12/13
DRWN: JZENG
2014/01/02
CHKD: JIAN02
APPR: KHL IM
2014/01/27

QUALITY
SYMBOLS
F_A=0
F_G=0
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
KHL IM	2014/01/27

MATERIAL NO.
1510310001

SIZE
A3

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	

TITLE
DUAL MICRO SIM FRAME
1.40H

molex

DOCUMENT NO.
SD-151031-0002

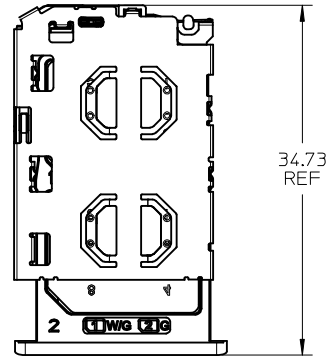
SHEET NO.
2 OF 4

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

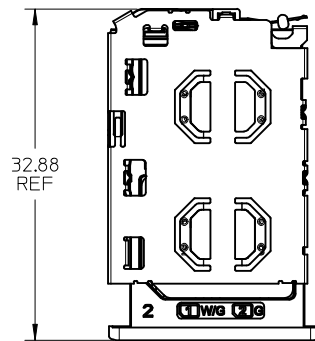
9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

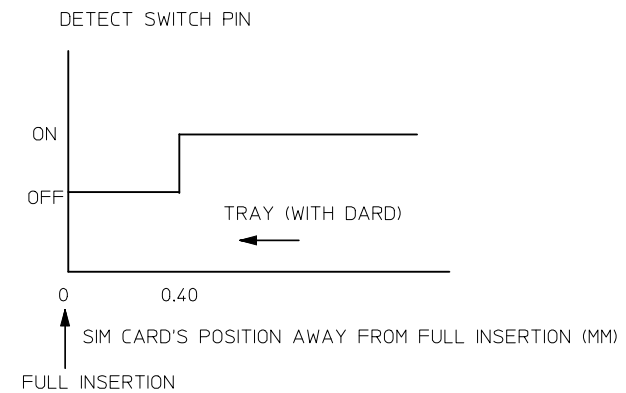
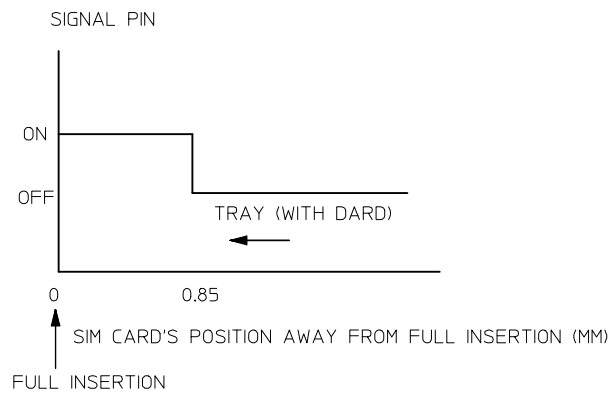
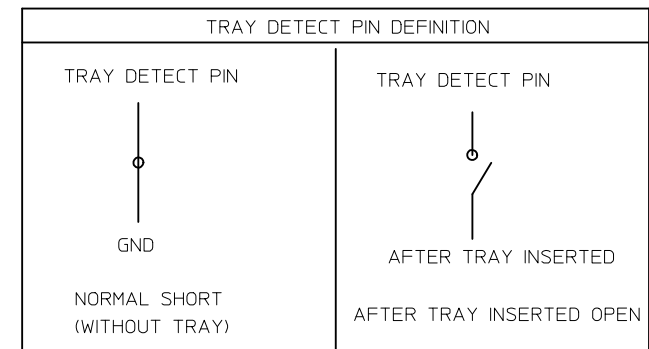
SIM CONNECTOR FRAME AND TRAY



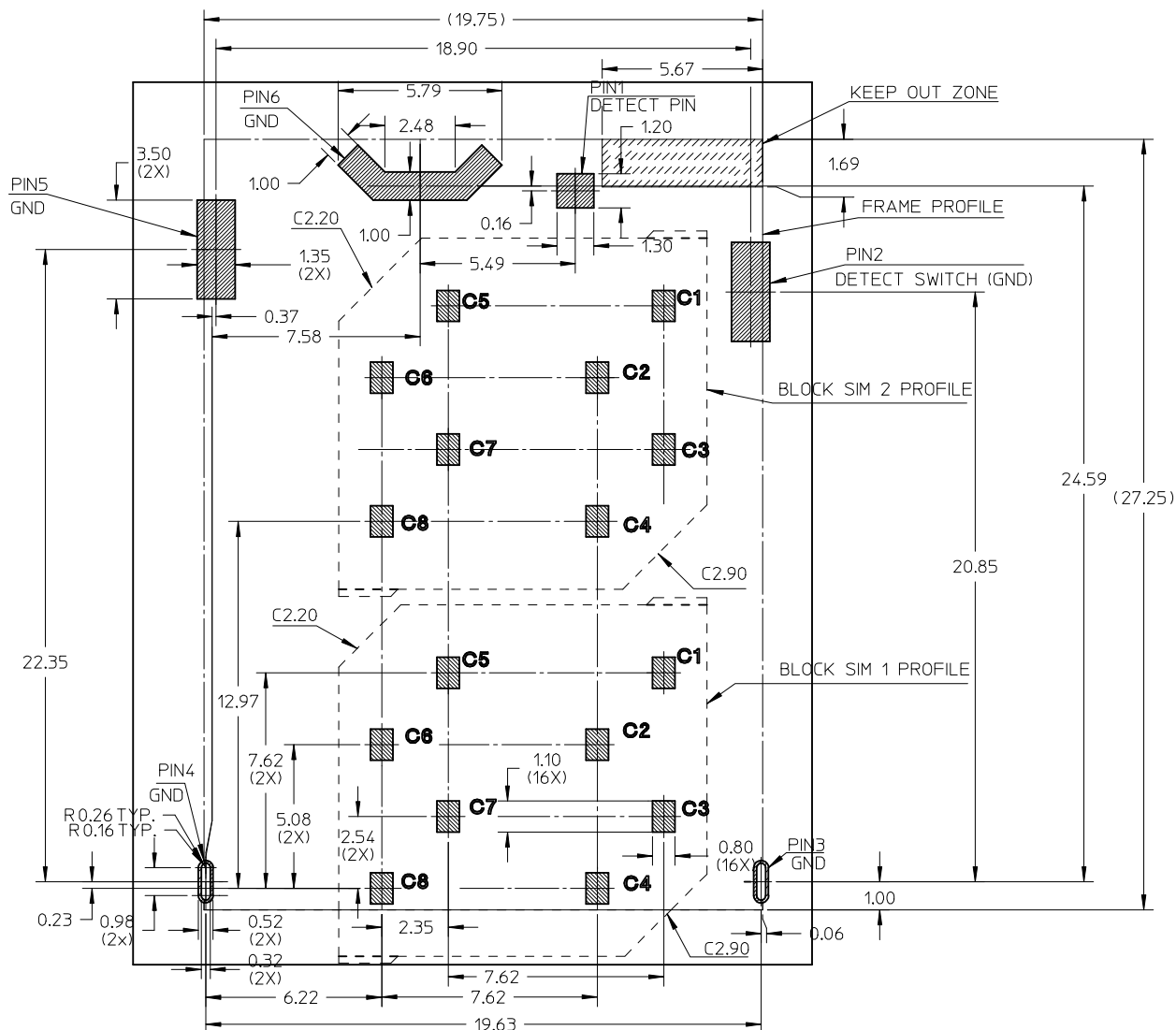
TRAY EJECTED POSITION



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						



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 CHK'D: JIAN2 APPR: KHLIM 2013/12/13 2014/01/02 2014/01/27	DESCRIPTION	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 2013/12/13	TITLE DUAL MICRO SIM FRAME 1.40H				
			4 PLACES	± ---	± ---	CHECKED BY		DATE					
			3 PLACES	± ---	± ---	APPROVED BY		DATE	molex				
			2 PLACES	± 0.20	± ---	KHLIM		2014/01/27					
			1 PLACE	± 0.20	± ---	MATERIAL NO.		DOCUMENT NO.					SHEET NO.
			0 PLACE	± ---	± ---	1510310001		SD-151031-0002		4 OF 4			
			ANGULAR ± 3 °			DRAFT WHERE APPLICABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			MUST REMAIN WITHIN DIMENSIONS			SIZE A3							



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

Наша компания это:

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