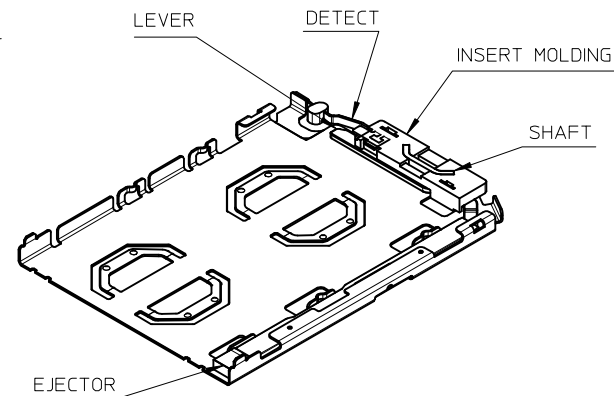
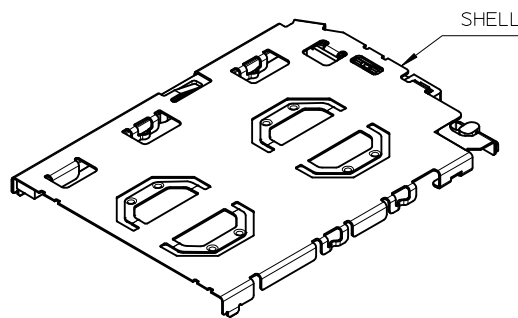


10 9 8 7 6 5 4 3 2 1

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;

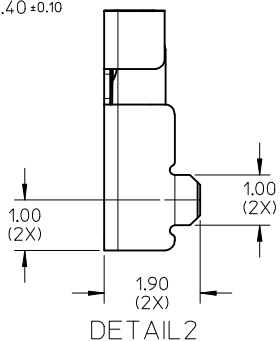
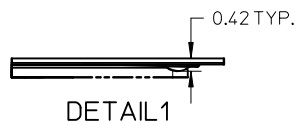
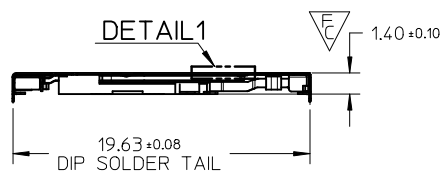
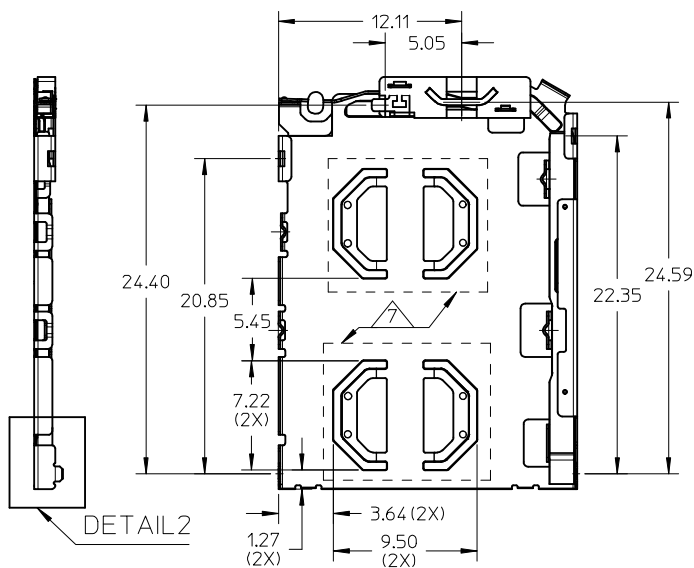
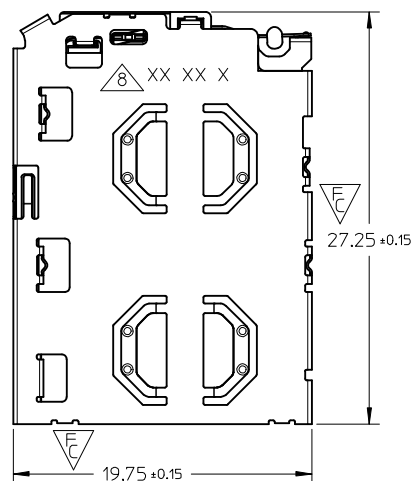
4. PACKAGING SPECIFICATION: PK-151031-001;PK-151032-001

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 2013/11/04
CHKD: JTAN02 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	2013/11/04
CHECKED BY	DATE
JTAN02	2013/12/05
APPROVED BY	DATE
KHLIM	2014/01/27

MATERIAL NO.
1510310001

SCALE
NTS

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
DUAL MICRO SIM FRAME
1.40 H

molex

DOCUMENT NO.
SD-151031-0001

SHEET NO.
1 OF 5

10 9 8 7 6 5 4 3 2 1

F

E

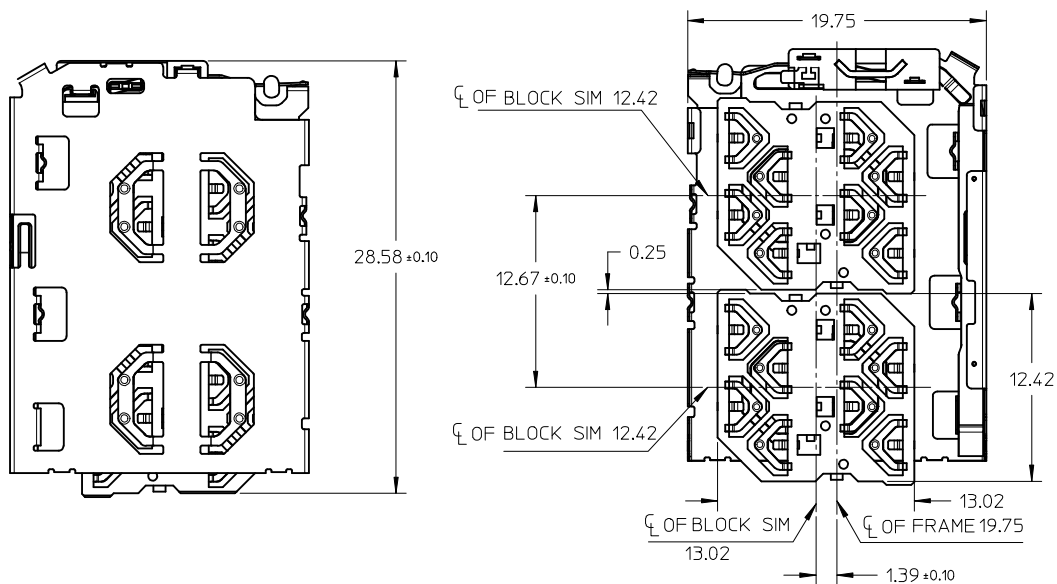
D

C

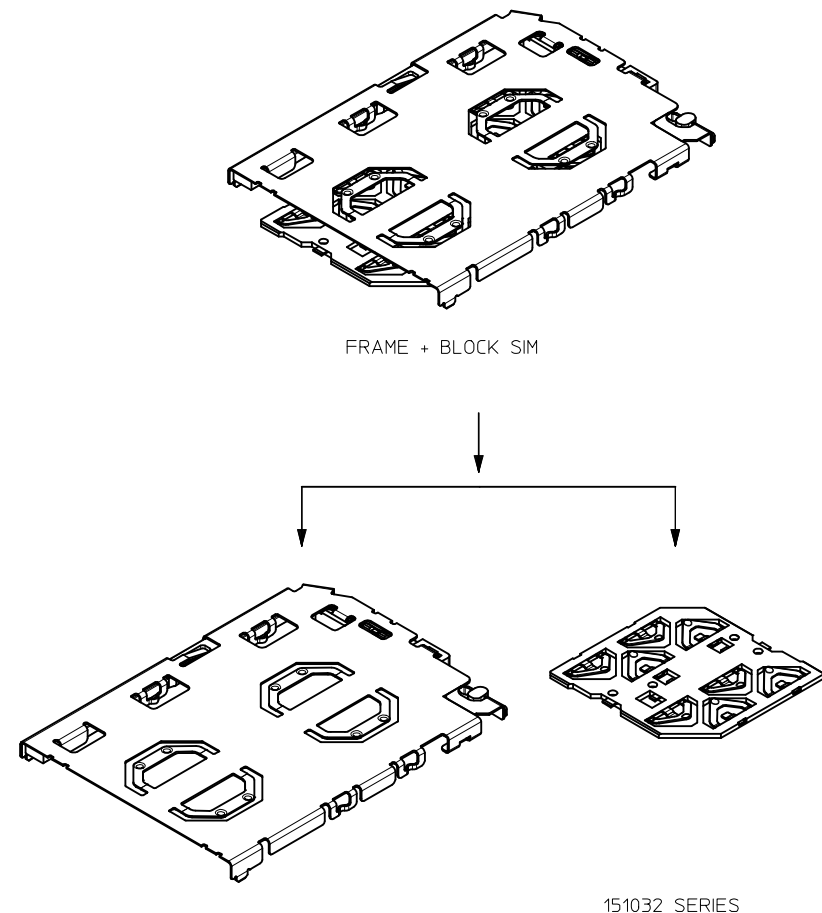
B

A

SIM CONNECTOR
(WITH 151032 BLOCK SIM CONNECTOR)



SIM CONNECTOR BOM



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: ZENG CHKD: TAN02 APPR: KHL IM	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					
			2 PLACES	± 0.20	± ---	molex						
			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

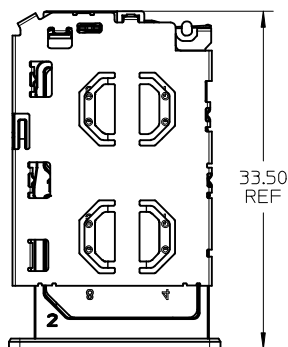
4

3

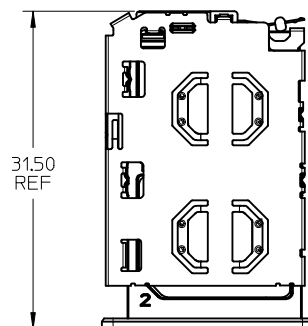
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1

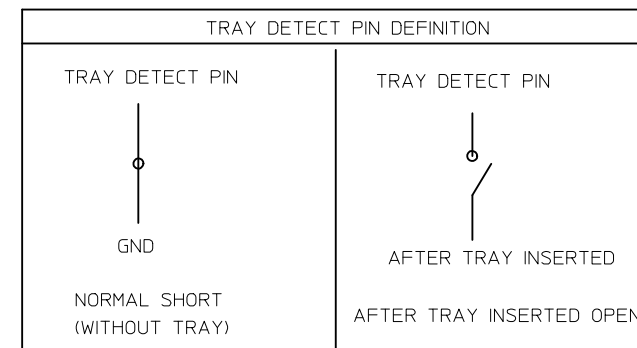
SIM CONNECTOR FRAME AND TRAY



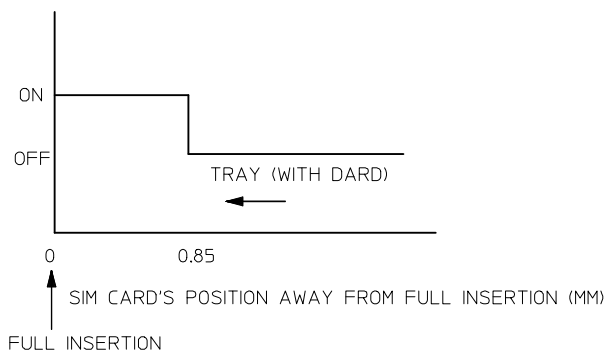
TRAY EJECTED POSITION



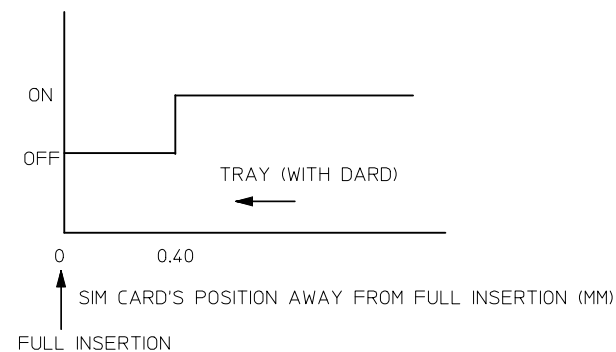
TRAY INSERTION POSITION



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					
			2 PLACES	± 0.20	± ---	molex						
			1 PLACE	± 0.20	± ---							
0 PLACE	± ---	± ---	MATERIAL NO. 1510310001		DOCUMENT NO. SD-151031-0001			SHEET NO. 3 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									

9

8

7

6

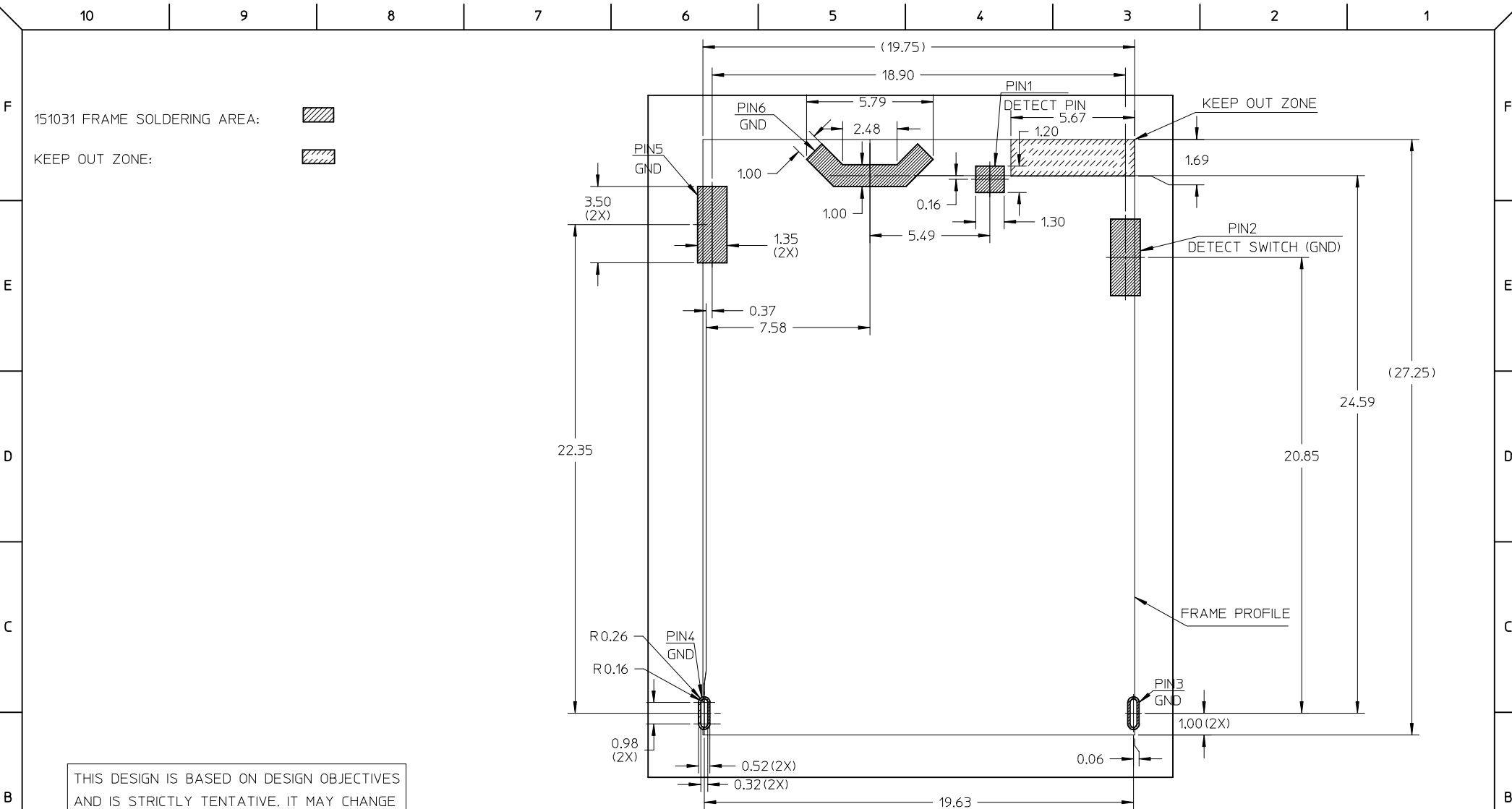
5

4

3

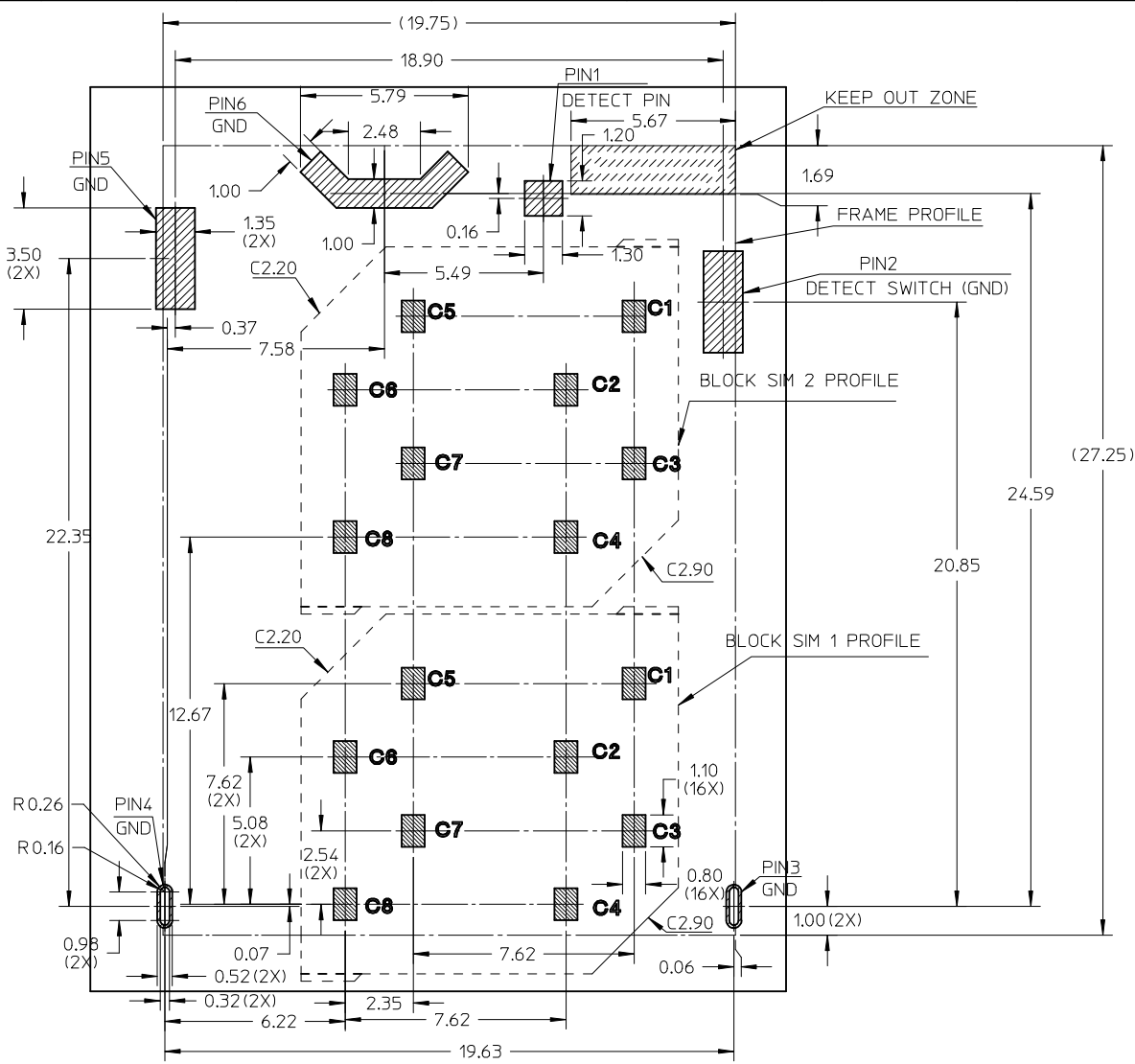
2

1



A	REVIEWS & VERIFICATIONS		SEE SHEET 1 EC NO: S2014-0434 7	DESCRIPTION REV	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	DUAL MICRO SIM FRAME 1.40 H molex SD-151031-0001 SHEET NO. 4 OF 5	A	
								DRAWN BY JZENG		DATE 2013/11/04	TITLE				
								CHECKED BY JTAN02		DATE 2013/12/05					
								APPROVED BY KHLIM		DATE 2014/01/27					
								MATERIAL NO. 1510310001		DOCUMENT NO.					
								SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
RECOMMENDED PCB LAYOUT: TOLERANCE ±0.05 RECOMMENDED PCB THICKNESS: 0.80MM RECOMMENDED STENCIL THICKNESS: 0.10MM															

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



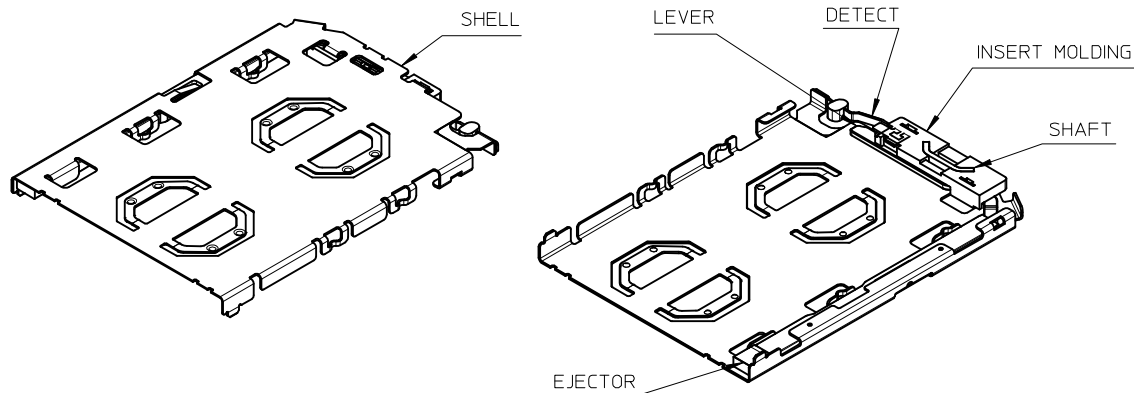
THIS DESIGN IS BASED ON DESIGN OBJECTIVES
AND IS STRICTLY TENTATIVE. IT MAY CHANGE
BASED ON RESULTS OF ADDITIONAL DESIGN
REVIEWS & VERIFICATIONS.

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	± ---									
			0 PLACE	± ---	± ---									
ANGULAR ± 3 °														
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

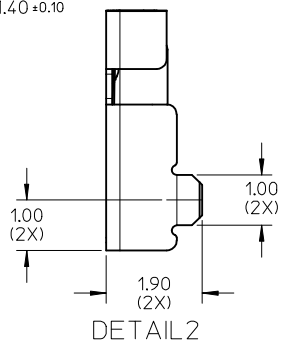
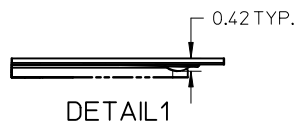
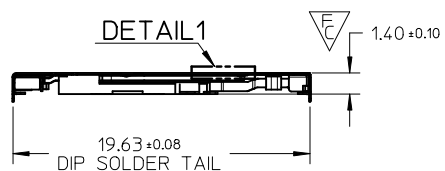
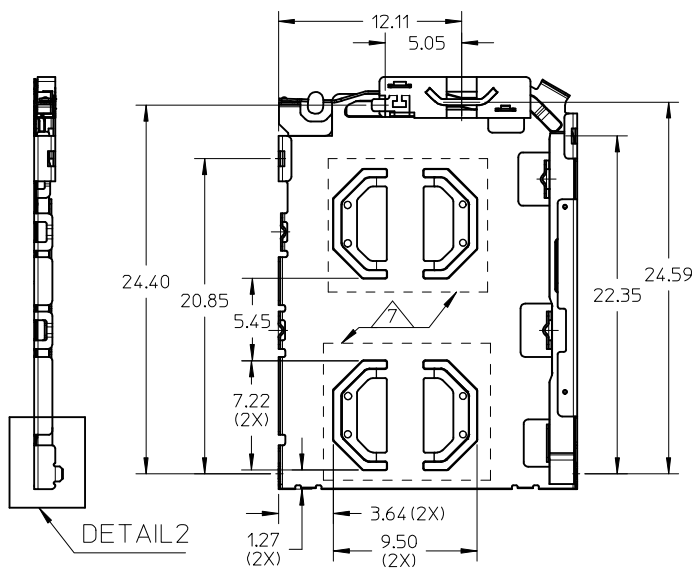
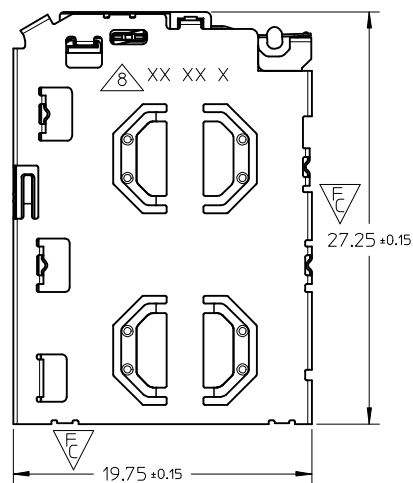
5. SOLDER TAIL COPLANARITY: 0.10 MM MAX BEFORE REFLOW

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
APPR: KHLIM
2014/01/02
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

SCALE
NTS

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
DUAL MICRO SIM FRAME
1.40H

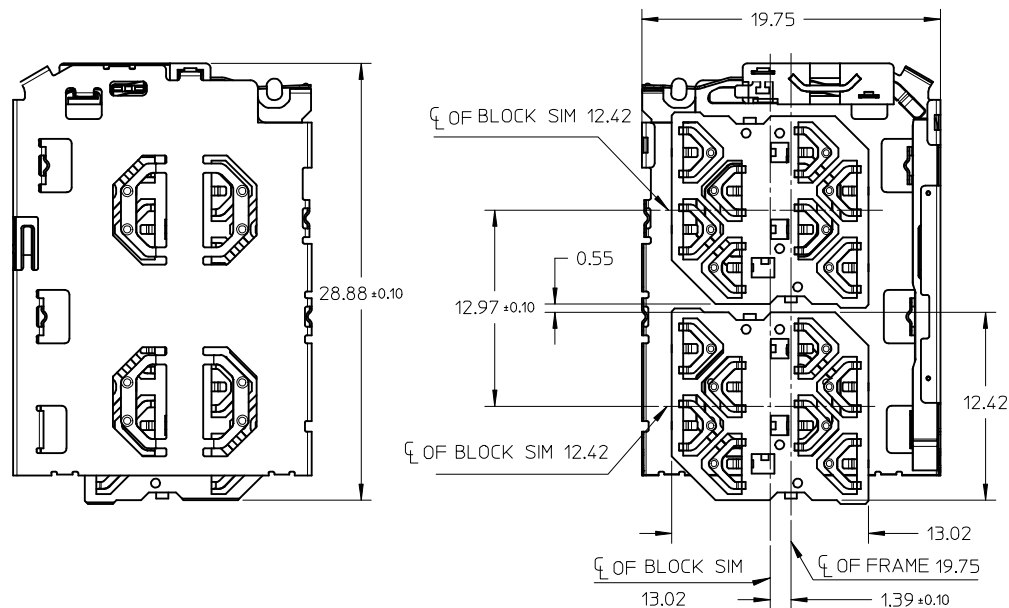
molex

DOCUMENT NO.
SD-151031-0002

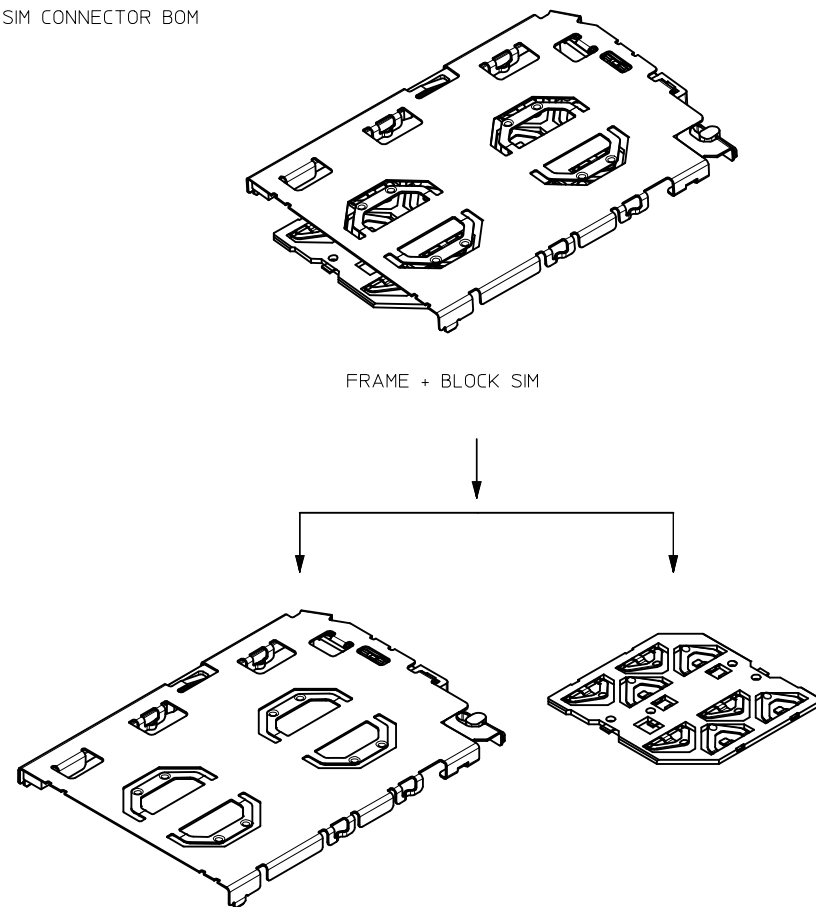
SHEET NO.
1 OF 4

9 8 7 6 5 4 3 2 1

SIM CONNECTOR
(WITH 151032 BLOCK SIM CONNECTOR)



SIM CONNECTOR BOM



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

REV	DESCRIPTION	DATE	BY	APP
U	SEE SHEET1	2013/12/13	DRWN:JZENG	
		2014/01/02	CHKD:JIAN02	
		2014/01/27	APPR:KHLIM	

QUALITY SYMBOLS
$F_A=0$
$F_G=0$
$F_P=0$

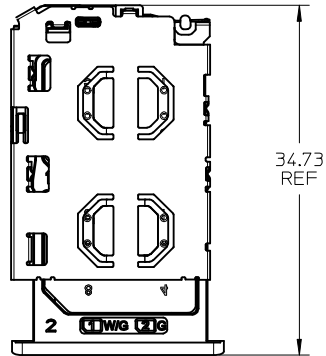
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± 0.20	± ---
0 PLACE	± ---	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

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

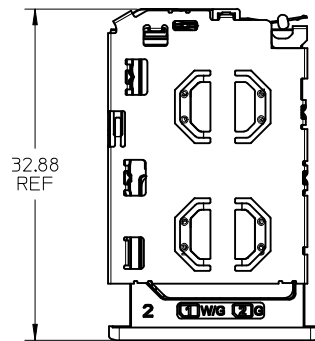
SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE DUAL MICRO SIM FRAME 1.40H		
molex		
DOCUMENT NO. SD-151031-0002		SHEET NO. 2 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

10 9 8 7 6 5 4 3 2 1

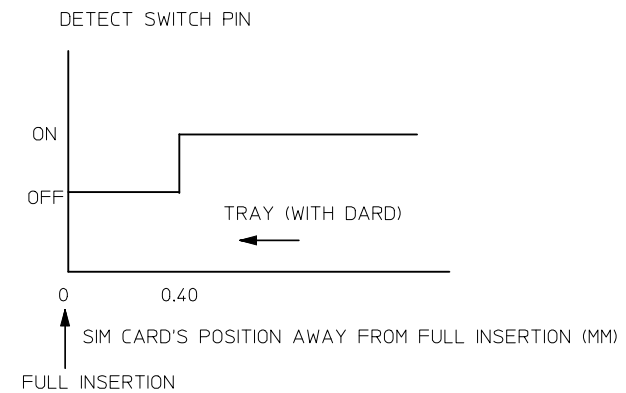
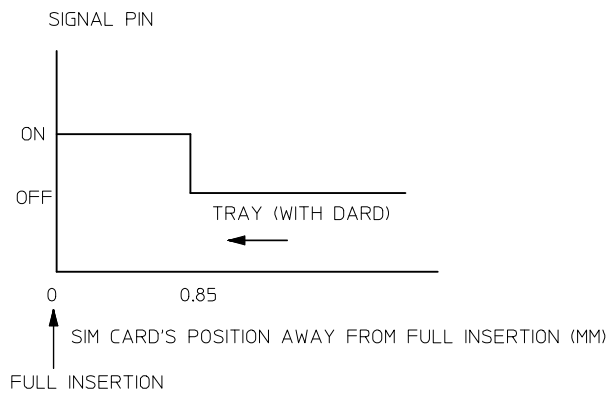
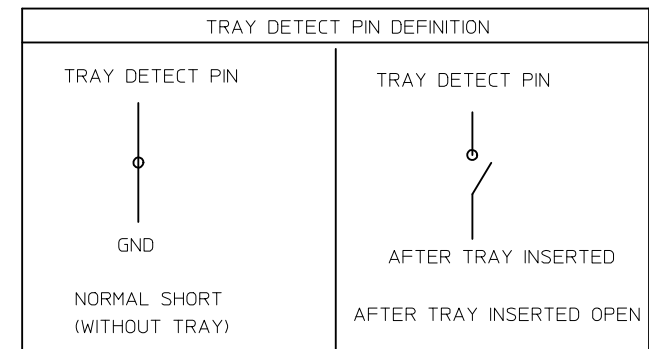
SIM CONNECTOR FRAME AND TRAY



TRAY EJECTED POSITION

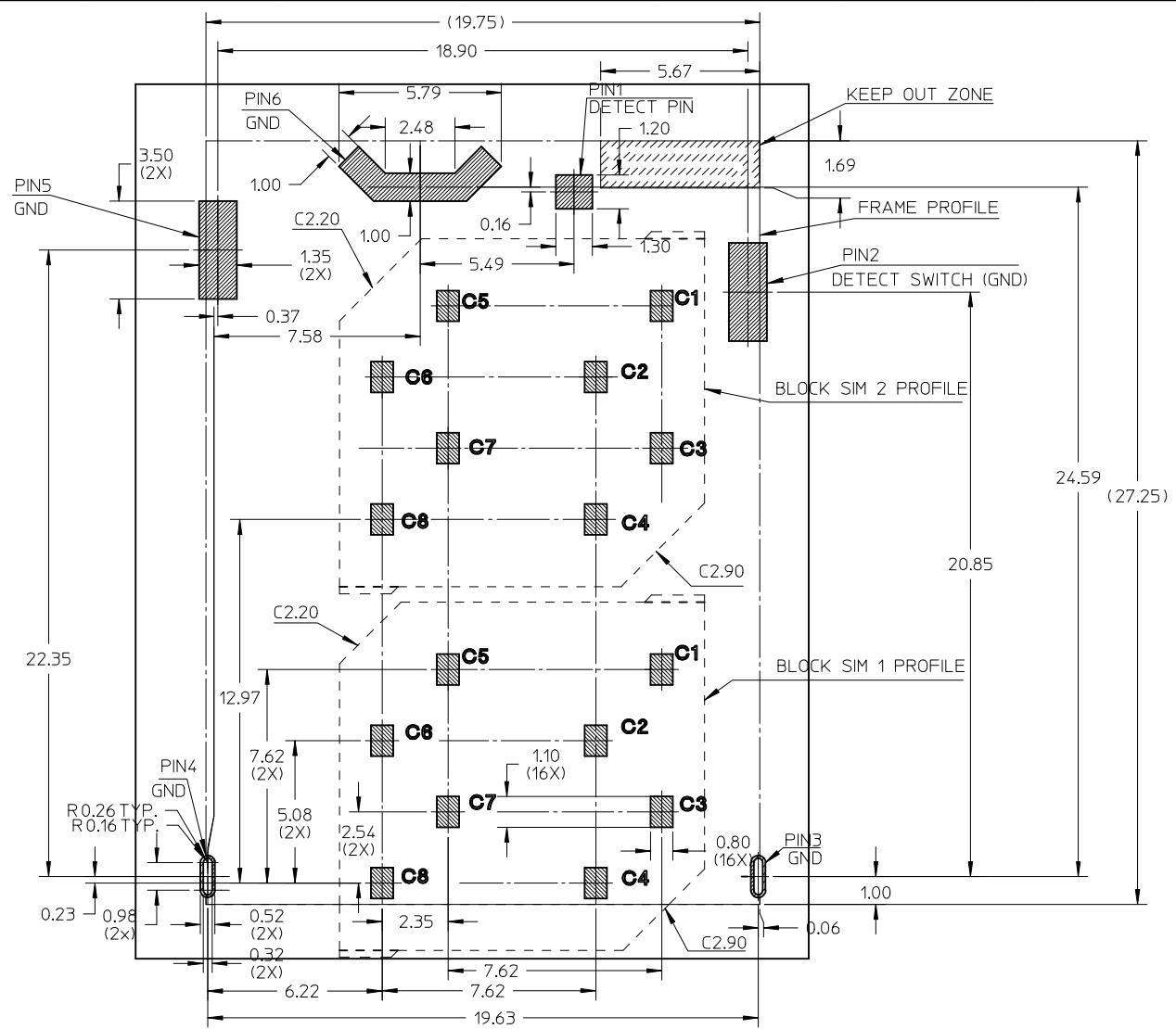


TRAY INSERTION POSITION



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							

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: JIAN02 APPR: KHL IM	DESCRIPTION	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JZENG	DATE 2013/12/13	TITLE DUAL MICRO SIM FRAME 1.40H				
						CHECKED BY	DATE					
						APPROVED BY KHL IM	DATE 2014/01/27	molex				
						MATERIAL NO. 1510310001	DOCUMENT NO. SD-151031-0002					
			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					
	REV											

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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