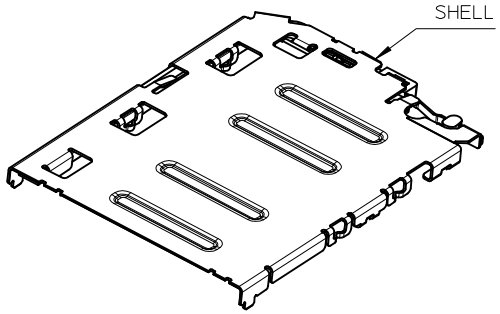
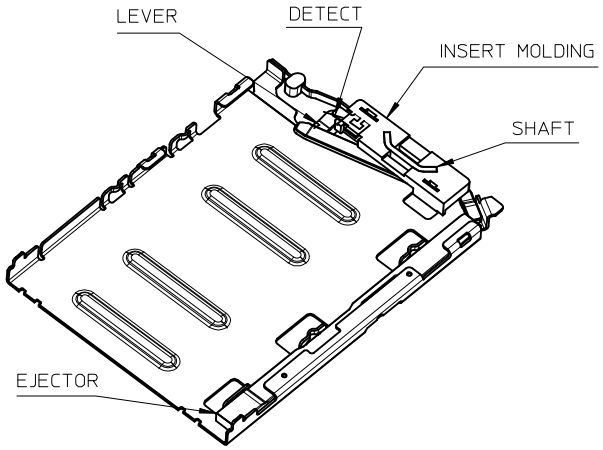
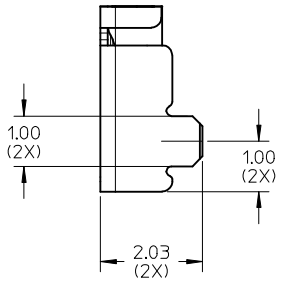
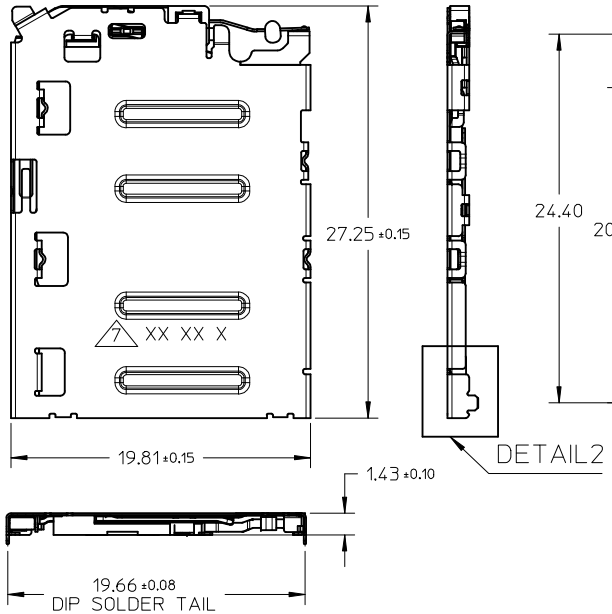
THIS DESIGN IS BASED ON DESIGN OBJECTIVES AND IS STRICTLY TENTATIVE. IT MAY CHANGE BASED ON RESULTS OF ADDITIONAL DESIGN REVIEWS & VERIFICATIONS.

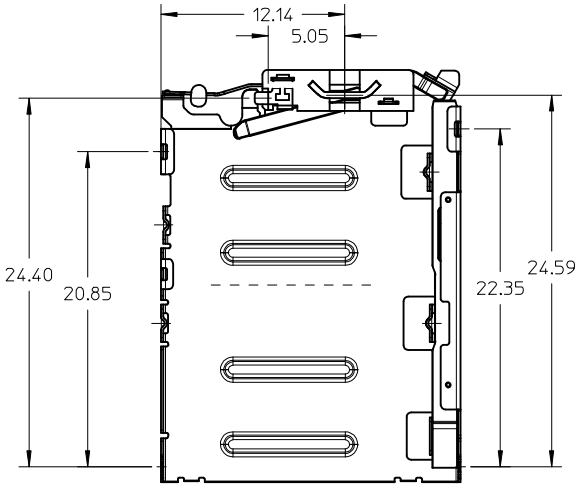






DETAIL2





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-151031-2001;
4. PACKAGING SPECIFICATION: PK-151031-0001;
5. SOLDER TAIL COPLANARITY: 0.10 MM MAX BEFORE REFLOW
6. THIS PART IS A FRAME ONLY, IT SHOULD BE USED TOGETHER WITH 0.38MM BLOCK SIM 151130 FOR AN ENTIRE SIM POP OUT SYSTEM;
7. DATE CODE PRINTED: XX XX X
DAY
WEEK
YEAR

UPDATED DRAWING FOR TYPO
EC NO: S2015-1182 2015/06/29
DRWN:JZENG 2015/07/07
CH'KD:JTAN02 2015/07/22
APPR:KHLIM
DESCRIPTION
12
REV

QUALITY SYMBOLS
FA=0
FC=0
FF=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
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

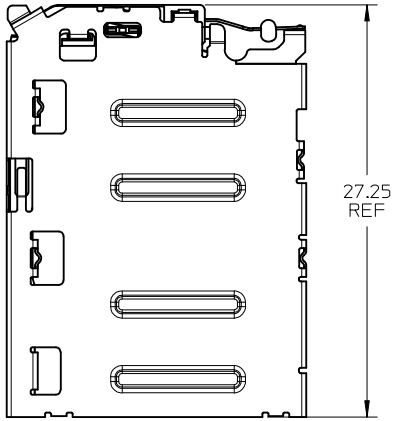
DRAWN BY: JZENG DATE: 2014/07/01
CHECKED BY: JTAN02 DATE: 2014/07/01
APPROVED BY: DATE:

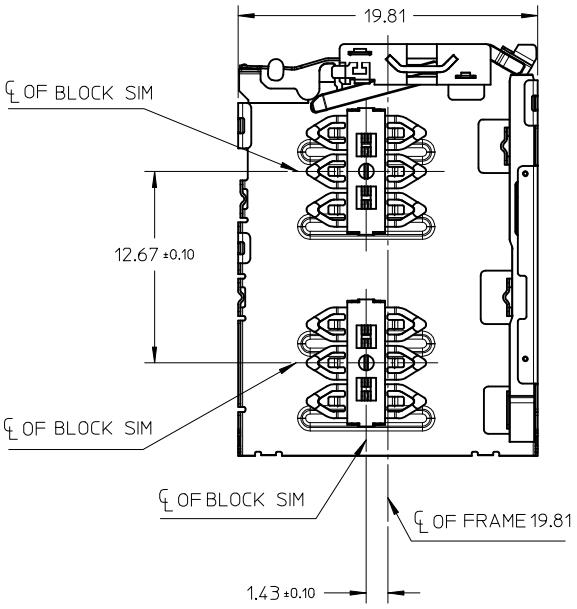
TITLE: DUAL SIM FRAME CONNECTOR 1.43H

molex

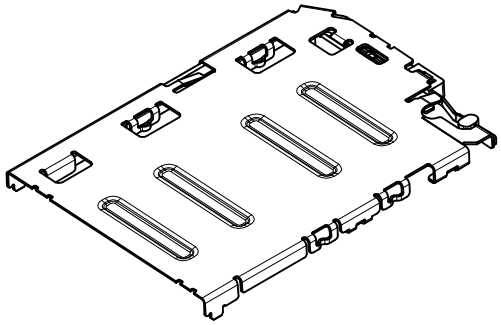
MATERIAL NO.: 1510312001
DOCUMENT NO.: SD-151031-0001
SHEET NO.: 1 OF 5
SIZE: A3

SIM CONNECTOR
(WITH 151130 BLOCK SIM CONNECTOR)

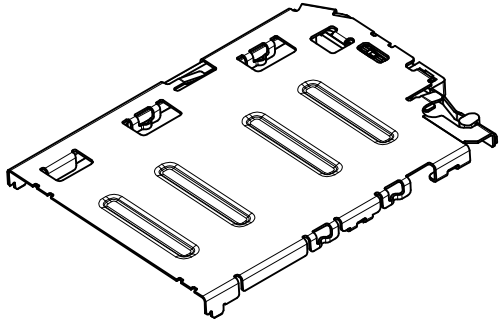




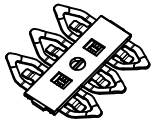
SIM CONNECTOR BOM



FRAME + BLOCK SIM



151031 SERIES



151130 SERIES

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

REV	DESCRIPTION	
12	SEE SHEET1	
	EC NO: S2015-1182	2015/06/29
	DRWN:JZENG	2015/07/07
	CH'KD:JTAN02	2015/07/22
	APPR:KHLIM	

QUALITY SYMBOLS
FA=0
FC=0
FP=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± 0.20	± ---
0 PLACE	± ---	± ---

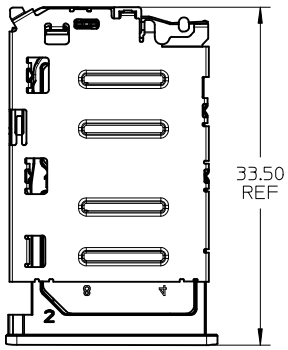
ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

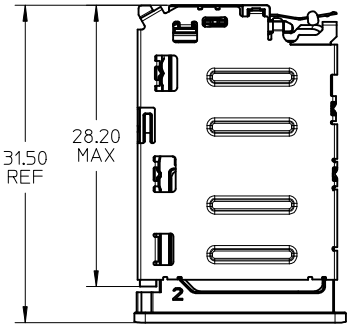
DIMENSION STYLE	MM ONLY
SCALE	NTS
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	JZENG
DATE	2014/07/01
CHECKED BY	JTAN02
DATE	2014/07/01
APPROVED BY	
DATE	
MATERIAL NO.	1510312001
TITLE	DUAL SIM FRAME CONNECTOR 1.43H
DOCUMENT NO.	SD-151031-0001
SHEET NO.	2 OF 5
SIZE	A3

molex

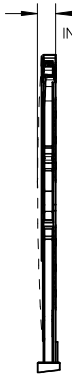
SIM CONNECTOR FRAME AND TRAY



TRAY EJECTED POSITION

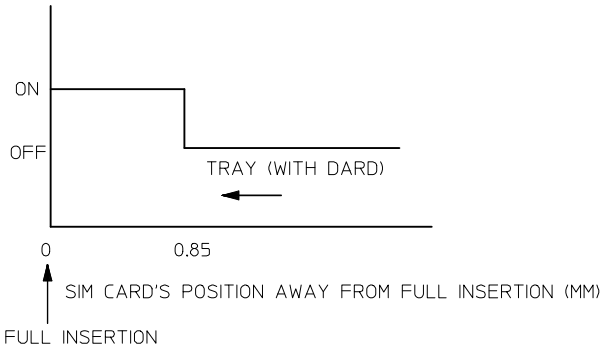


TRAY INSERTION POSITION

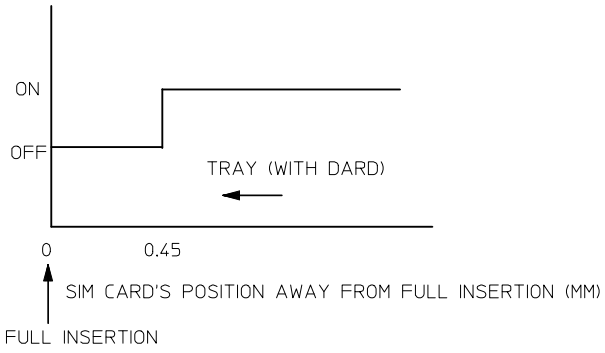


TRAY DETECT PIN DEFINITION	
TRAY DETECT PIN GND NORMAL SHORT (WITHOUT TRAY)	TRAY DETECT PIN AFTER TRAY INSERTED AFTER TRAY INSERTED OPEN

SIGNAL PIN



DETECT SWITCH PIN



SEE SHEET 1
EC NO: S2015-1182 2015/06/29
DRWN:JZENG 2015/07/07
CH'KD:JTAN02 2015/07/22
APPR:KHLIM
DESCRIPTION
REV
12

QUALITY SYMBOLS
FA=0
FC=0
FP=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
SCALE
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

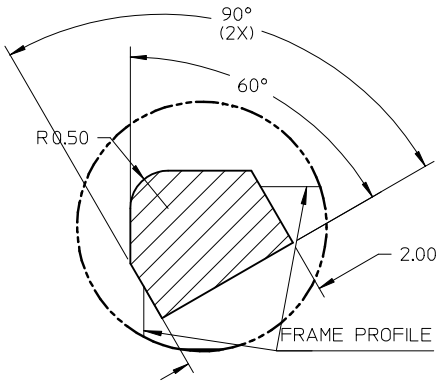
DRAWN BY: JZENG DATE: 2014/07/01
CHECKED BY: JTAN02 DATE: 2014/07/01
APPROVED BY DATE

TITLE: DUAL SIM FRAME CONNECTOR 1.43H

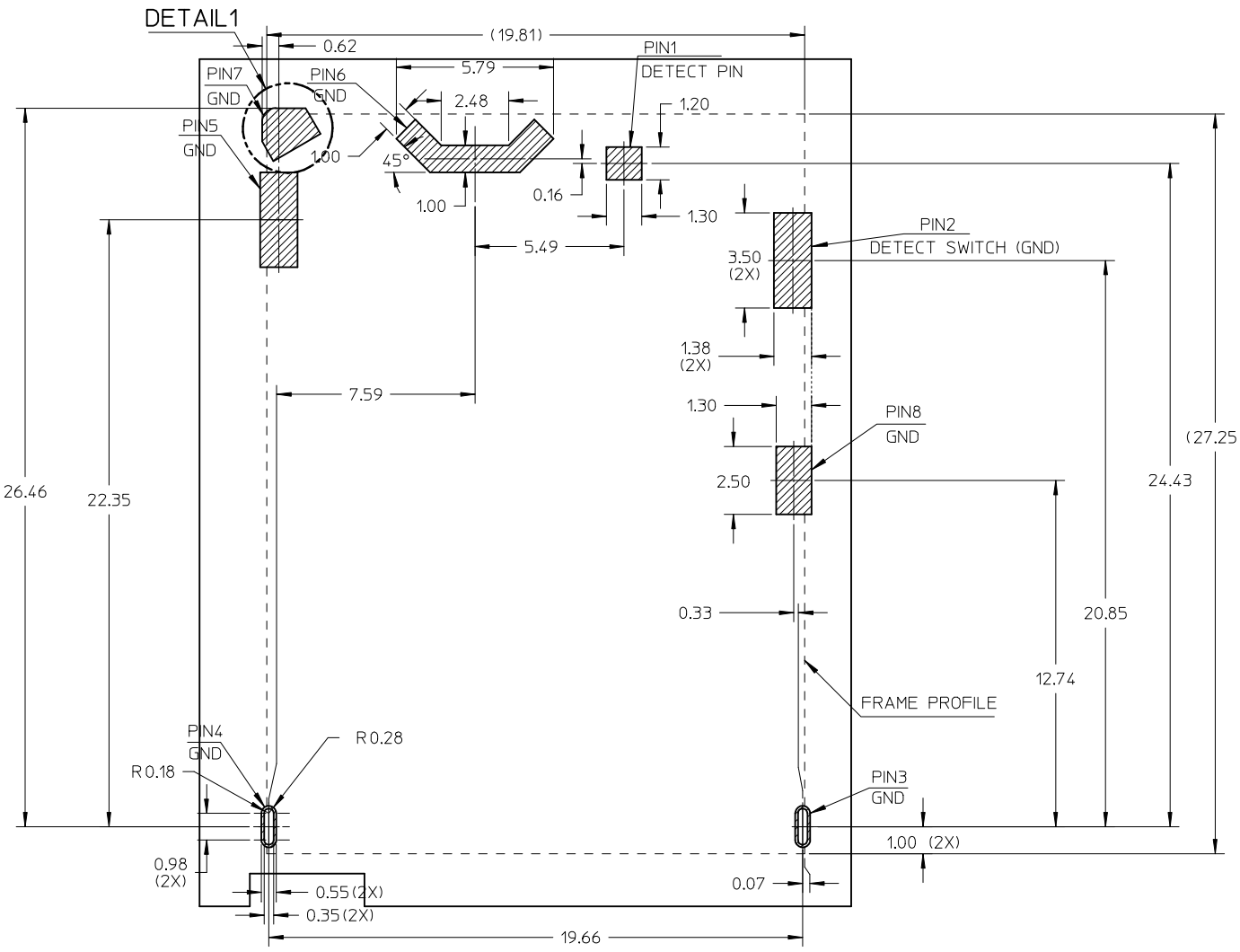
molex

MATERIAL NO.: 1510312001
DOCUMENT NO.: SD-151031-0001
SHEET NO.: 3 OF 5
SIZE: A3

151031 FRAME SOLDERING AREA:



DETAIL1



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: 1.00MM
RECOMMENDED STENCIL THICKNESS: 0.10MM

SEE SHEET 1	2015/06/29		
EC NO: S2015-1182	2015/07/07		
DRWN:JZENG	2015/07/22		
CH'KD:JTAN02			
APPR:KHLIM			
12	DESCRIPTION	REV	

QUALITY SYMBOLS
F_A=0
F_C=0
F_P=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

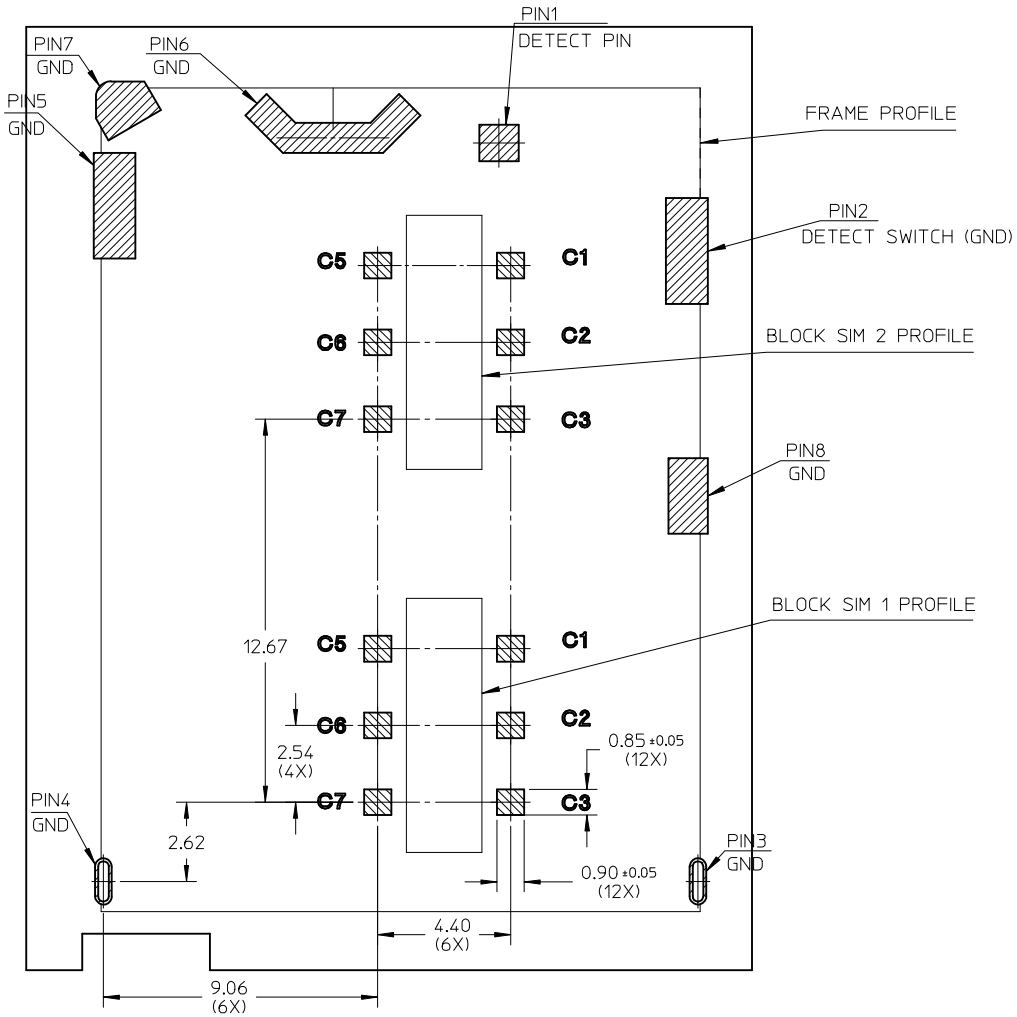
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± 0.20	± ---
0 PLACE	± ---	± ---

ANGULAR ± 3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: NTS	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: JZENG	DATE: 2014/07/01	TITLE: DUAL SIM FRAME CONNECTOR 1.43H	
CHECKED BY: JTAN02	DATE: 2014/07/01		
APPROVED BY	DATE	molex	
MATERIAL NO.: 1510312001		DOCUMENT NO.: SD-151031-0001	SHEET NO.: 4 OF 5
SIZE: A3			

151031 FRAME SOLDERING AREA:

151130 BLOCK SIM SOLDERING AREA:



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: 1.0MM
RECOMMENDED STENCIL THICKNESS: 0.10MM

SEE SHEET 1
EC NO: S2015-1182
DRWN: JZENG 2015/06/29
CH'KD: JTAN02 2015/07/07
APPR: KHLIM 2015/07/22
DESCRIPTION
REV
12

QUALITY SYMBOLS
$\boxed{F_A}$=0
$\boxed{F_C}$=0
$\boxed{F_P}$=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
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JZENG DATE: 2014/07/01
CHECKED BY: JTAN02 DATE: 2014/07/01
APPROVED BY: DATE:

TITLE: DUAL SIM FRAME CONNECTOR 1.43H

molex

MATERIAL NO.: 1510312001
DOCUMENT NO.: SD-151031-0001
SHEET NO.: 5 OF 5
SIZE: A3