

P/N	DIM A
787900001	1.20
787901001	1.30

NOTES:

1. MATERIALS:

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

2. FINISHES:

DETECT SPRING:

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

SHELL:

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

3. PRODUCT SPECIFICATION: PS-78790-001;

4. PACKAGING SPECIFICATION: PK-78790-001;

5. SOLDER TAIL COPLANARITY: 0.08MM MAX;

△ THIS PART IS A FRAME ONLY, IT SHOULD BE USED TOGETHER WITH
0.3MM BLOCK SIM 78545 FOR AN ENTIRE NANO SIM POP OUT SYSTEM;

△ DATE CODE PRINTED: MCD XXXXX;

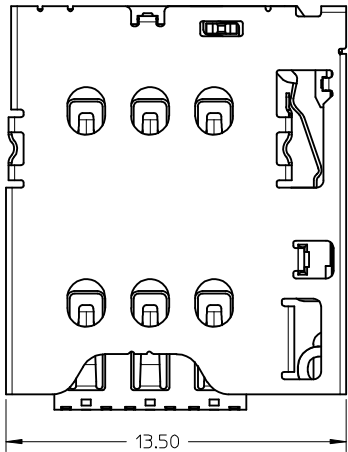


△ P/N MARK PRINTED: XXXH.

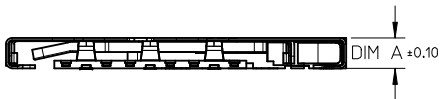
120: 787900001 (1.20MM HEIGHT)
130: 787901001 (1.30MM HEIGHT)

ADD PIN ASSIGNMENT EC NO: S2014-0126 DRW:HLWANG06 CHKD:JZENG APPR:KHLIM	DESCRIPTION REV	QUALITY SYMBOLS F=0 E=0 E=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY HLWANG06	DATE 2013/07/30	TITLE CUSTOMER DRAWING FOR LOW HEIGHT POP OUT NANO SIM CONNECTOR FRAME		
4 PLACES	± ---	± ---			CHECKED BY JZENG	DATE 2013/09/25			
3 PLACES	± ---	± ---			APPROVED BY KHLIM	DATE 2013/09/25			
2 PLACES	± 0.20	± ---			MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-78790-001			
1 PLACE	± ---	± ---			SIZE A3	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				

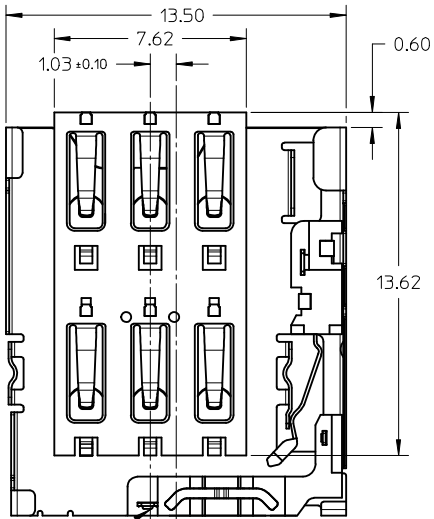
NANO SIM CONNECTOR
(WITH BLOCK SIM CONNECTOR)



13.50



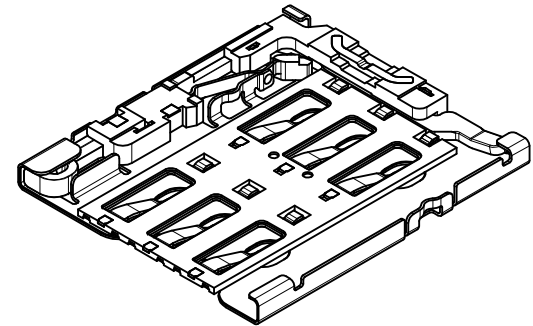
DIM A +0.10



CL OF BLOCK SIM CL OF PUSH PUSH NANO SIM FRAME

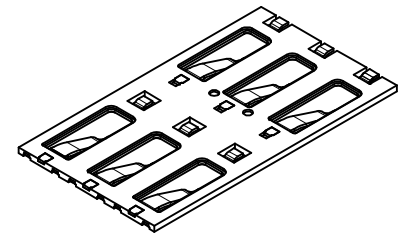
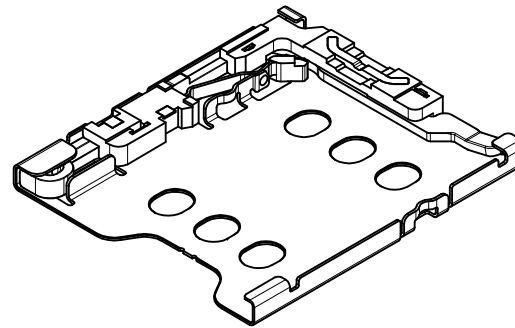
NANO SIM CONNECTOR BOM

6

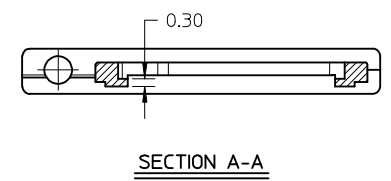
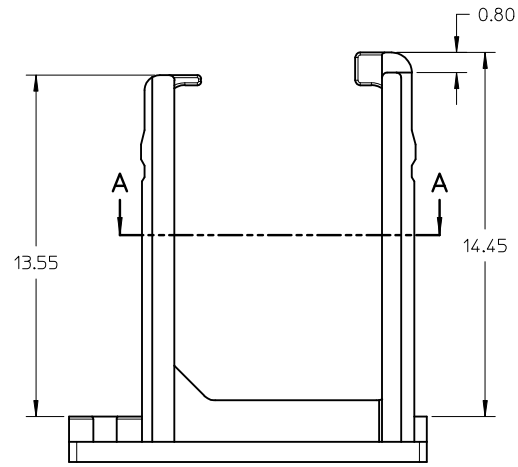
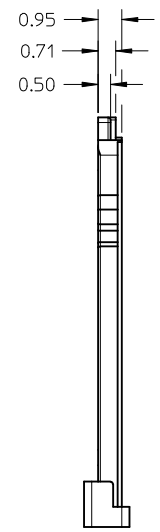
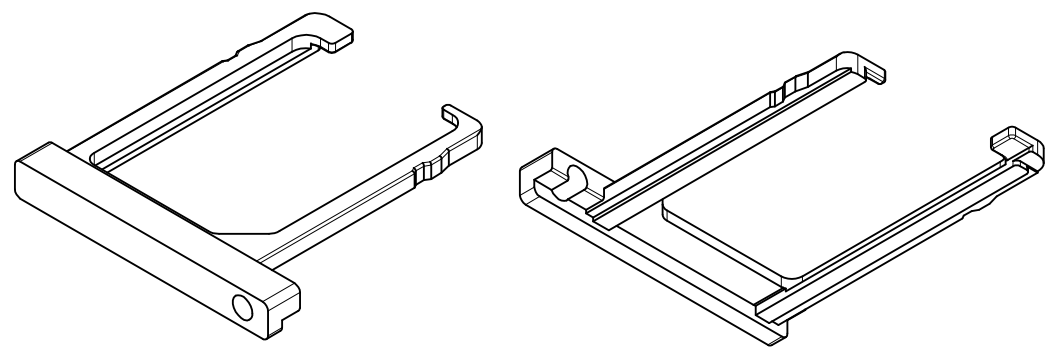
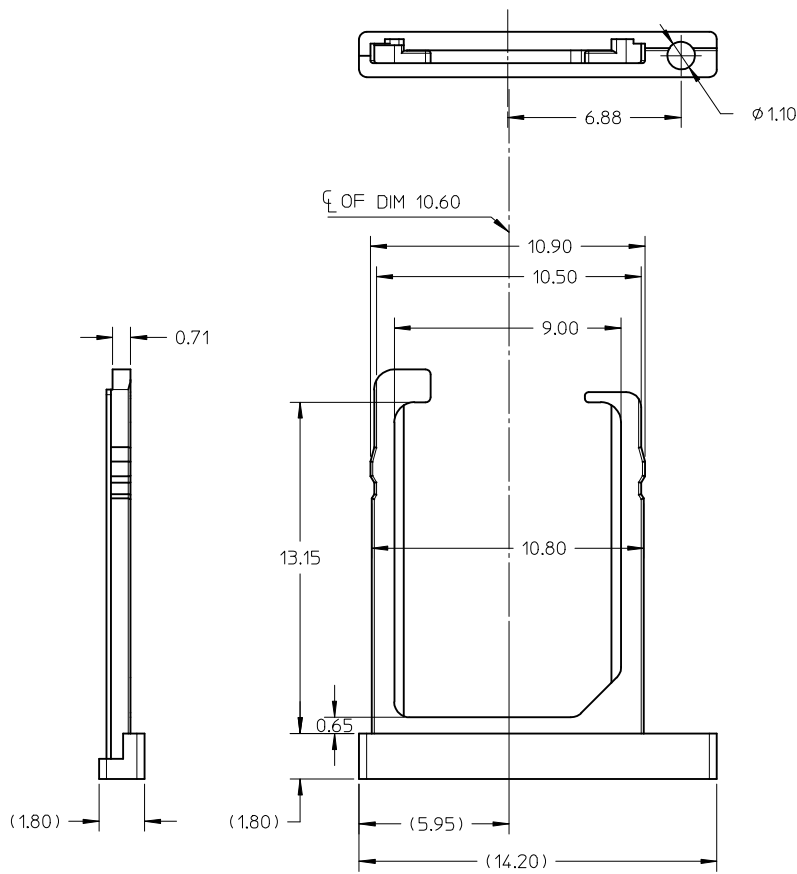


PART 1

PART 2

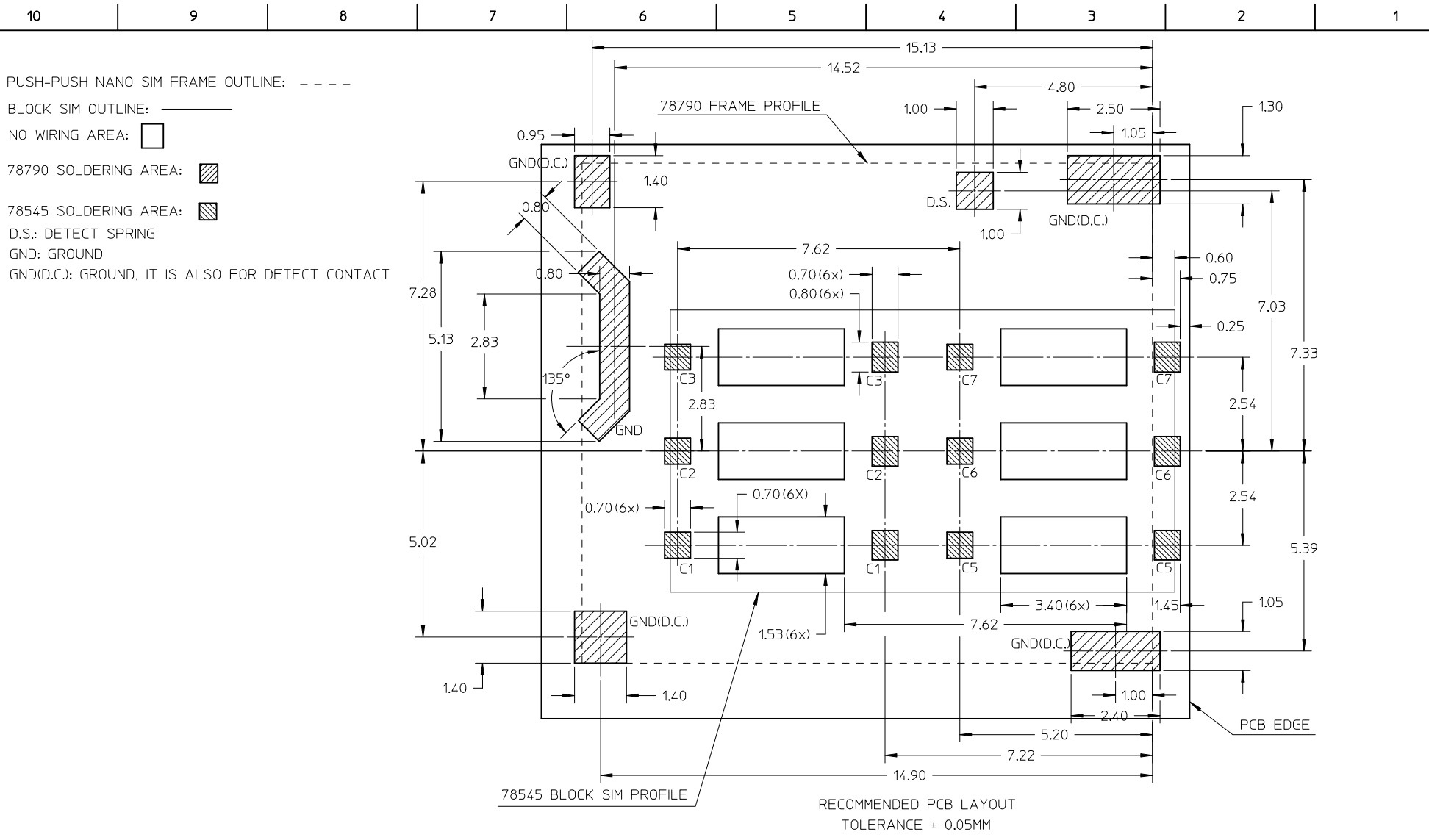


ADD PIN ASSIGNMENT EC NO: S2014-0126 DRW:HLWANG06 2013/07/30 CHKD:JZENG 2013/09/25 APPR:KHLIM 2013/11/01	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</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>± ---</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 PLACE	± ---	± ---	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
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1 PLACE	± ---	± ---																						
0 PLACE	± ---	± ---																						
REV 12	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY HLWANG06	DATE 2013/07/30	TITLE CUSTOMER DRAWING FOR LOW HEIGHT POP OUT NANO SIM CONNECTOR FRAME																			
		ANGULAR ± 3 °	CHECKED BY JZENG	DATE 2013/09/25	molex																			
			APPROVED BY KHLIM	DATE 2013/09/25	DOCUMENT NO. SD-78790-001	SHEET NO. 2 OF 4																		



RECOMMENDED TRAY PROFILE
TOLERANCE ± 0.05MM

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	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY: HLWANG06 CHECKED BY: JZENG APPROVED BY: KHLIM MATERIAL NO.	DATE: 2013/07/30 DATE: 2013/09/25 DATE: 2013/09/25	TITLE: CUSTOMER DRAWING FOR LOW HEIGHT POP OUT NANO SIM CONNECTOR FRAME DOCUMENT NO.: SD-78790-001	SHEET NO.: 3 OF 4		
	SIZE: A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SEE TABLE					



PUSH-PUSH NANO SIM FRAME OUTLINE: - - - -

BLOCK SIM OUTLINE: _____

NO WIRING AREA: □

78790 SOLDERING AREA: ▨

78545 SOLDERING AREA: ▩

D.S.: DETECT SPRING

GND: GROUND

GND(D.C.): GROUND, IT IS ALSO FOR DETECT CONTACT

RECOMMENDED PCB LAYOUT
TOLERANCE ± 0.05MM

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