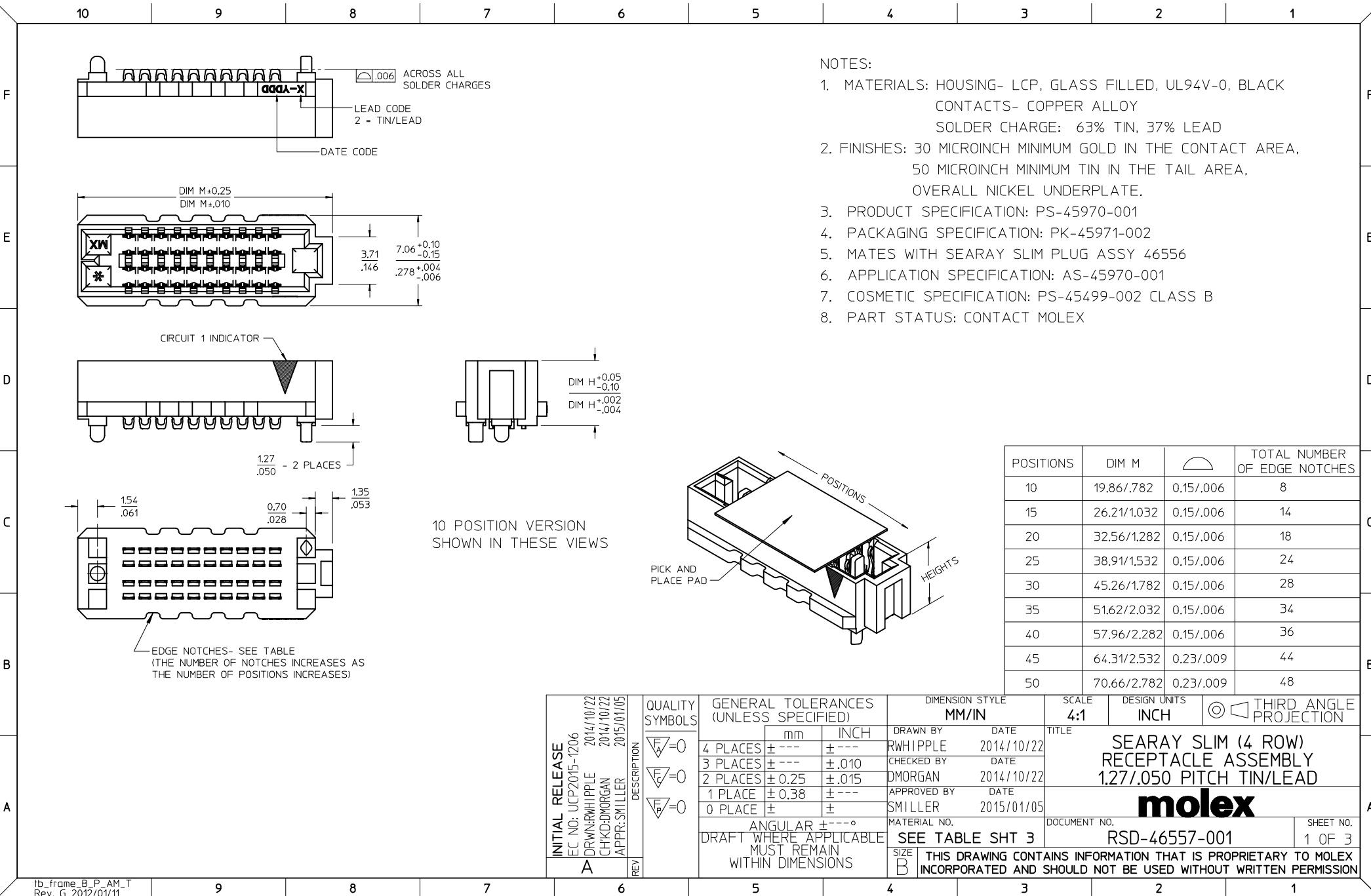


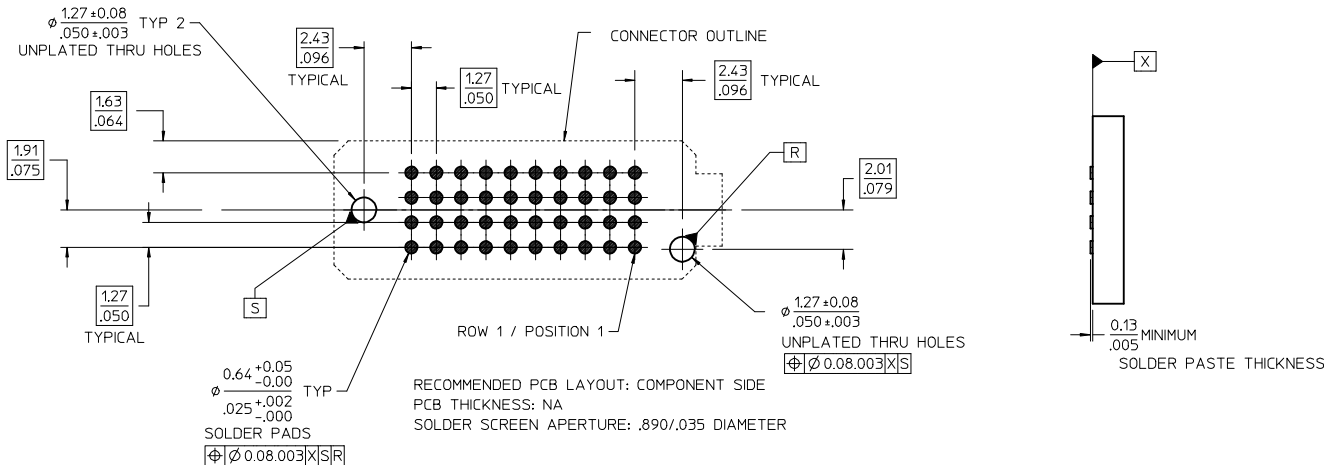


NOTES:

1. MATERIALS: HOUSING- LCP, GLASS FILLED, UL94V-0, BLACK
CONTACTS- COPPER ALLOY
SOLDER CHARGE: 63% TIN, 37% LEAD
2. FINISHES: 30 MICROINCH MINIMUM GOLD IN THE CONTACT AREA,
50 MICROINCH MINIMUM TIN IN THE TAIL AREA,
OVERALL NICKEL UNDERPLATE.
3. PRODUCT SPECIFICATION: PS-45970-001
4. PACKAGING SPECIFICATION: PK-45971-002
5. MATES WITH SEARAY SLIM PLUG ASSY 46556
6. APPLICATION SPECIFICATION: AS-45970-001
7. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
8. PART STATUS: CONTACT MOLEX

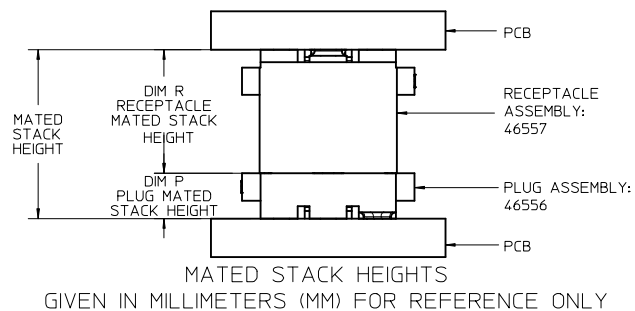
POSITIONS	DIM M		TOTAL NUMBER OF EDGE NOTCHES
10	19.86/782	0.15/.006	8
15	26.21/1032	0.15/.006	14
20	32.56/1282	0.15/.006	18
25	38.91/1532	0.15/.006	24
30	45.26/1782	0.15/.006	28
35	51.62/2032	0.15/.006	34
40	57.96/2282	0.15/.006	36
45	64.31/2532	0.23/.009	44
50	70.66/2782	0.23/.009	48

INITIAL RELEASE EC NO: UCP2015-1206 DRAWN: RWHIPPLE 2014/10/22 CHKD: DMORGAN 2014/10/22 APPR: SMILLER 2015/01/05 REV A	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- 0 PLACE ± ± ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM/IN DRAWN BY DATE RWHIPPLE 2014/10/22 CHECKED BY DATE DMORGAN 2014/10/22 APPROVED BY DATE SMILLER 2015/01/05 MATERIAL NO. SEE TABLE SHT 3 SIZE B	SCALE 4:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION SEARAY SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH TIN/LEAD molex DOCUMENT NO. RSD-46557-001 SHEET NO. 1 OF 3

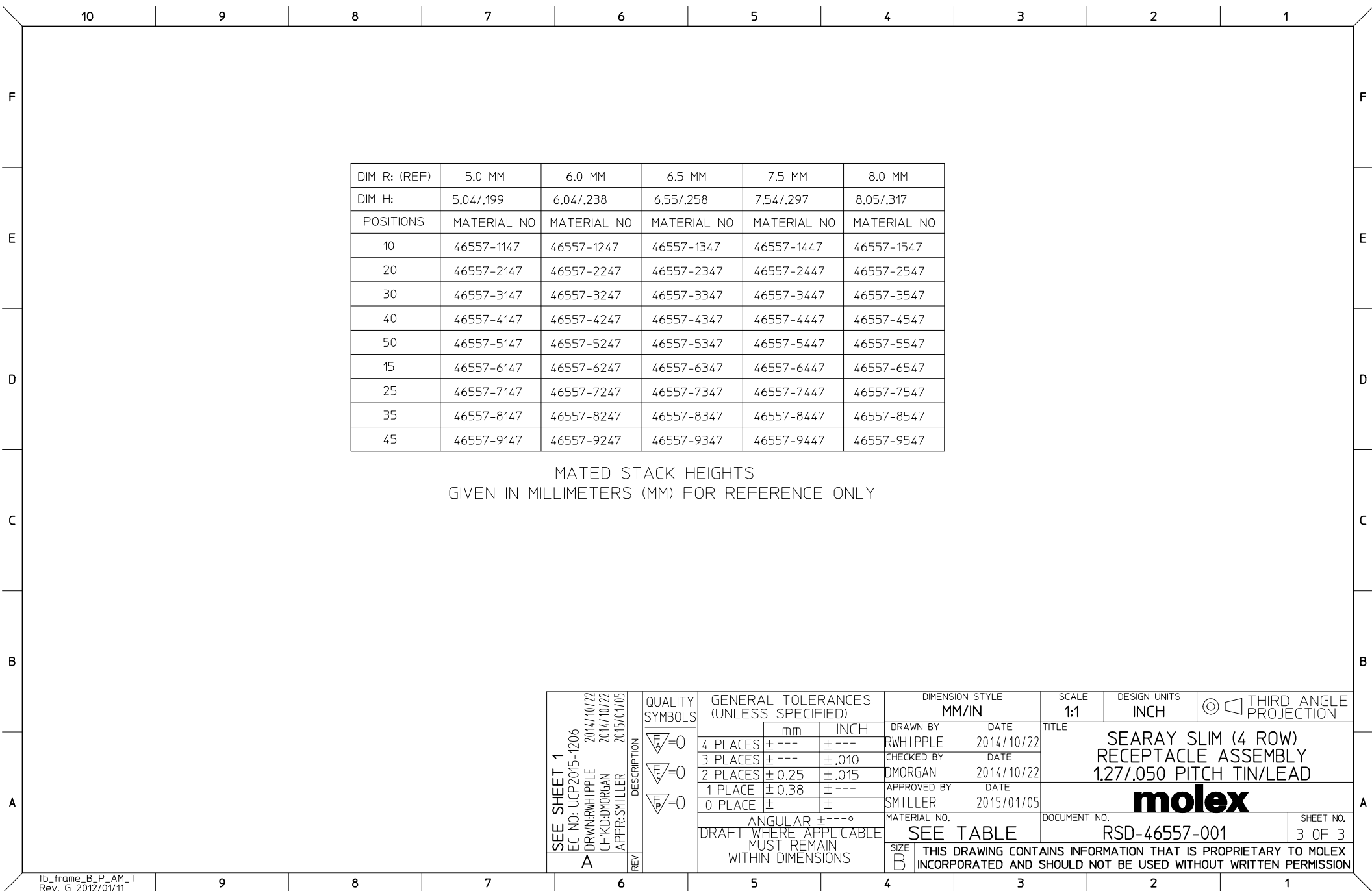


		DIM R RECEPTACLE STACK HEIGHT				
		MM	5.0	6.0	6.5	7.5
DIM P PLUG STACK HEIGHT	2.0	7.0	8.0	8.5	9.5	10.0
	3.0	8.0	9.0	9.5	10.5	11.0
	3.5	8.5	9.5	10.0	11.0	11.5
	2.5	7.5	8.5	9.0	10.0	10.5
	4.5	9.5	10.5	11.0	12.0	12.5
	5.0	10.0	11.0	11.5	12.5	13.0
		7.0	12.0	13.0	13.5	14.5

MATED STACK HEIGHTS
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY



SEE SHEET 1 EC NO: UCP2015-1206 DRAWN BY: RWHIPPLE CHKD: DMORGAN APPR: SMILLER 2014/10/22 2014/10/22 2015/01/05	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	INCH	MM/IN	DATE	4:1	INCH	SEARAY SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH TIN/LEAD molex	
		4 PLACES	$\pm .010$	$\pm .010$	RWHIPPLE	2014/10/22			
		3 PLACES	$\pm .010$	$\pm .010$	DMORGAN	2014/10/22			
A	REV	2 PLACES	$\pm .015$	$\pm .015$	SMILLER	2015/01/05		DOCUMENT NO. RSD-46557-001 SHEET NO. 2 OF 3	
		1 PLACE	$\pm .038$	$\pm .038$					
		0 PLACE	$\pm .038$	$\pm .038$					
		ANGULAR $\pm .010$		MATERIAL NO.		SEE TABLE SHT 3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

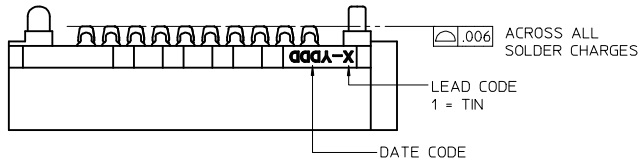


DIM R: (REF)	5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM
DIM H:	5.04/.199	6.04/.238	6.55/.258	7.54/.297	8.05/.317
POSITIONS	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
10	46557-1147	46557-1247	46557-1347	46557-1447	46557-1547
20	46557-2147	46557-2247	46557-2347	46557-2447	46557-2547
30	46557-3147	46557-3247	46557-3347	46557-3447	46557-3547
40	46557-4147	46557-4247	46557-4347	46557-4447	46557-4547
50	46557-5147	46557-5247	46557-5347	46557-5447	46557-5547
15	46557-6147	46557-6247	46557-6347	46557-6447	46557-6547
25	46557-7147	46557-7247	46557-7347	46557-7447	46557-7547
35	46557-8147	46557-8247	46557-8347	46557-8447	46557-8547
45	46557-9147	46557-9247	46557-9347	46557-9447	46557-9547

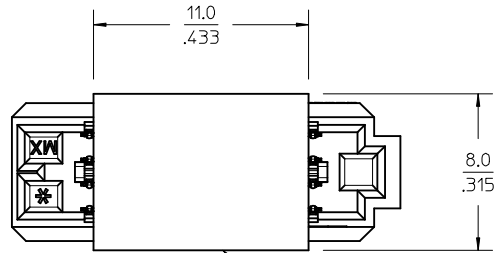
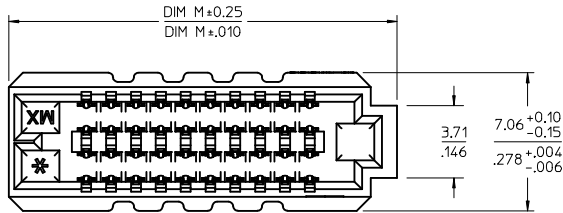
MATED STACK HEIGHTS
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY

SEE SHEET 1 EC NO: UCP2015-1206 DRAWN:RWHIPPLE 2014/10/22 CHKD:DMORGAN 2014/10/22 APPR:SMILLER 2015/01/05 A	QUALITY SYMBOLS ▽ _A =0 ▽ _G =0 ▽ _P =0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY RWHIPPLE	DATE 2014/10/22	TITLE SEARAY SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH TIN/LEAD molex		
			4 PLACES	± ---	± ---	CHECKED BY DMORGAN	DATE 2014/10/22			
			3 PLACES	± ---	± .010	APPROVED BY SMILLER	DATE 2015/01/05			
			2 PLACES	± 0.25	± .015	MATERIAL NO. SEE TABLE				DOCUMENT NO. RSD-46557-001
			1 PLACE	± 0.38	± ---	SHEET NO. 3 OF 3				
			0 PLACE	±	±	SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
REV			ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

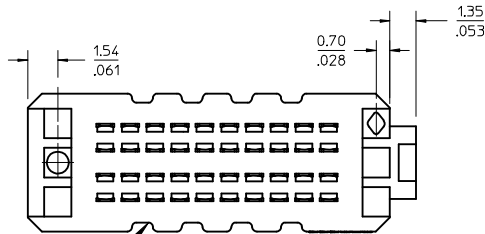
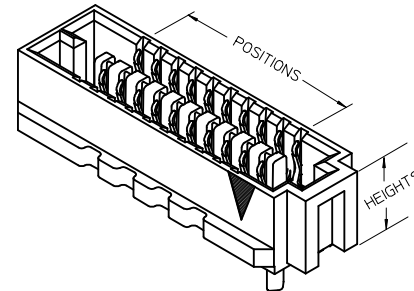
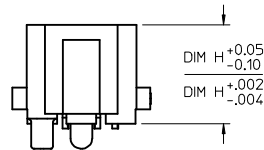
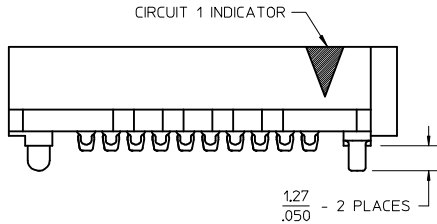
10 9 8 7 6 5 4 3 2 1



NOTE: THESE CODES MAY BE LOCATED
ON EITHER SIDE OF THE HOUSING



PICK AND PLACE PAD
(SHOWN IN THIS VIEW ONLY)



10 POSITION VERSION
SHOWN IN THESE VIEWS

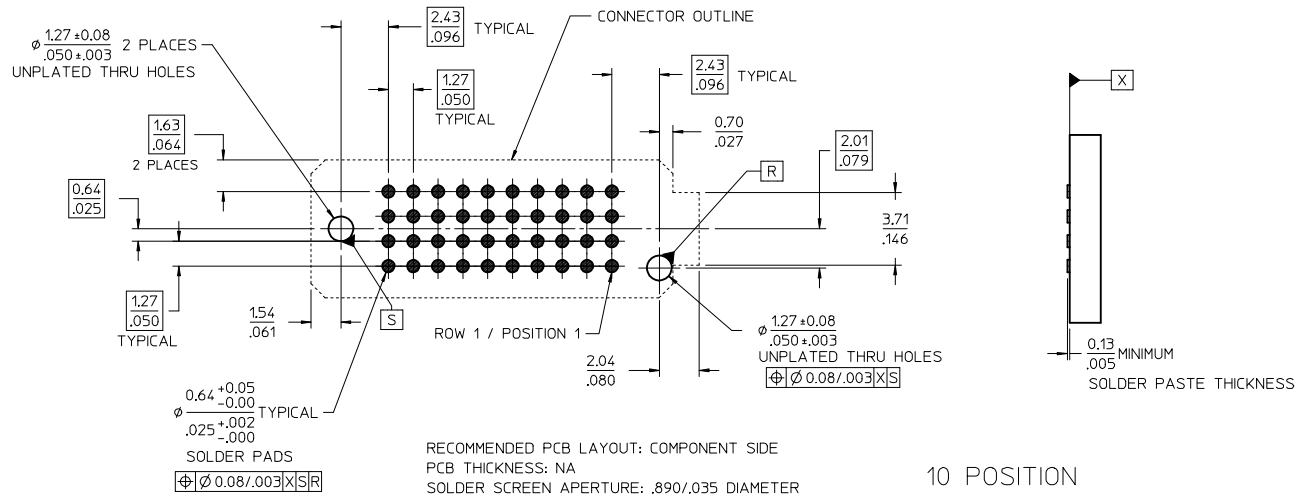
EDGE NOTCHES- SEE TABLE
(THE NUMBER OF NOTCHES INCREASES AS
THE NUMBER OF POSITIONS INCREASES)

NOTES:

1. MATERIALS: HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER),
UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: 95.5% TIN, 3.8% SILVER, 0.7 % COPPER
2. FINISHES: 30 MICROINCH MINIMUM GOLD IN THE CONTACT AREA,
50 MICROINCH MINIMUM TIN IN THE TAIL AREA,
OVERALL NICKEL UNDERPLATE.
3. PRODUCT SPECIFICATION: PS-45970-001
4. PACKAGING SPECIFICATION: PK-45971-002 (TAPE AND REEL)
5. MATES WITH SEARAY SLIM PLUG ASSY SERIES 46556
6. APPLICATION SPECIFICATION: AS-45970-001
7. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
8. PART STATUS: CONTACT MOLEX

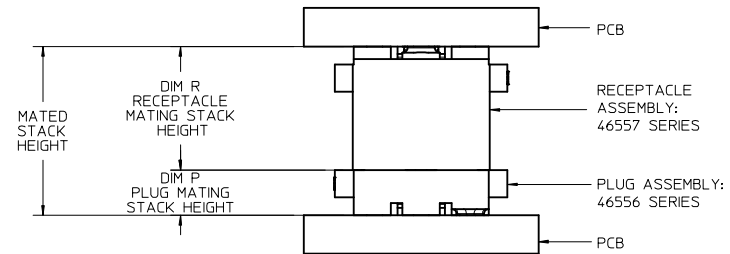
POSITIONS	DIM M		TOTAL NUMBER OF EDGE NOTCHES
10	19.88/1.784	0.15/0.006	8
15	26.23/1.034	0.15/0.006	14
20	32.58/1.284	0.15/0.006	18
25	38.93/1.534	0.15/0.006	24
30	45.28/1.784	0.15/0.006	28
35	51.63/2.034	0.15/0.006	34
40	57.98/2.284	0.15/0.006	38
45	64.33/2.534	0.23/0.009	44
50	70.68/2.784	0.23/0.009	48

CLARIFY OVERALL LENGTH EC NO: UCP2015-5493 DRAWN:SYANG01 2015/06/25 CHKD:TIBARRA 2015/08/04 APPR:SMILLER 2015/08/07 O	QUALITY SYMBOLS =0 =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 			
			mm	INCH	DRAWN BY TGREGORI	DATE 2007/05/21	SEARAY SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH molex			
			4 PLACES ± ---	± ---	CHECKED BY JCOMERC I	DATE 2007/05/21				
			3 PLACES ± ---	± .010	APPROVED BY JCOMERC I	DATE 2010/03/05				
			2 PLACES ± 0.25	± .015	MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
1 PLACE ± 0.38	± ---	SEE TABLE SHT 3		SD-46557-001		1 OF 3				
0 PLACE ±	±	SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
REV		ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								



		DIM R RECEPTACLE STACK HEIGHT					
		MM	5.0	6.0	6.5	7.5	8.0
DIM P PLUG STACK HEIGHT	2.0	7.0	8.0	8.5	9.5	10.0	10.5
	3.0	8.0	9.0	9.5	10.5	11.0	11.5
	3.5	8.5	9.5	10.0	11.0	11.5	12.0
	2.5	7.5	8.5	9.0	10.0	10.5	11.0
	4.5	9.5	10.5	11.0	12.0	12.5	13.0
	5.0	10.0	11.0	11.5	12.5	13.0	13.5
	7.0	12.0	13.0	13.5	14.5	15.0	15.5

MATED STACK HEIGHTS
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY



STACK HEIGHTS
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY

SEE SHEET 1 EC NO: UCP2015-5493 DRAWN: SVANG01 2015/06/25 CHKD: TIBARRA 2015/08/04 APPR: SMILLER 2015/08/07	QUALITY SYMBOLS F=0 F=0 F=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY TGREGORI	DATE 2007/05/21	TITLE SEARAY SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH molex		
				4 PLACES	± ---	± ---	CHECKED BY JCOMERCI	DATE 2007/05/21			
				3 PLACES	± ---	± .010	APPROVED BY JCOMERCI	DATE 2010/03/05			
				2 PLACES	± 0.25	± .015	MATERIAL NO. DOCUMENT NO.				
				1 PLACE	± 0.38	± ---					SEE TABLE SHT 3 SD-46557-001
0 PLACE	±	±	SHEET NO. 2 OF 3								
				ANGULAR ± ---°							
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

MATING STACK HEIGHTS (DIMENSION R)
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY

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Rev. G 2012/01/11