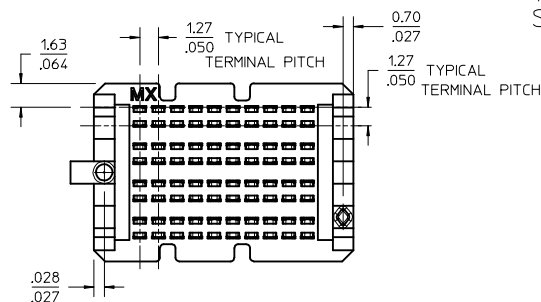
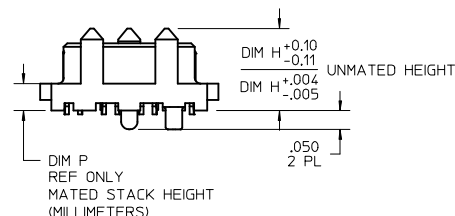
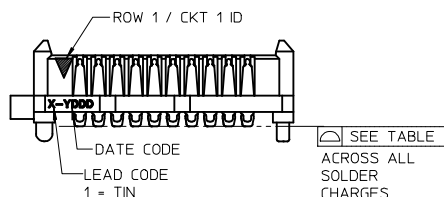
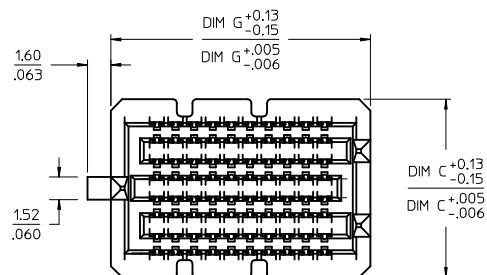


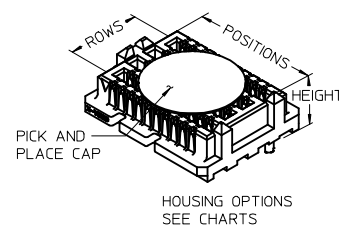


8 ROW
10 POSITION
SHOWN

SEE SHEET 3
FOR 6 ROW OPTION

NOTES:

- MATERIAL: HOUSING: LCP, GLASS FILLED, UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: 95.5% TIN, 3.8% SILVER, 0.7 % COPPER
- FINISH: ALL DIM P HEIGHT OPTIONS - SELECT GOLD IN CONTACT AREA: 30 MI MIN
DIM P HEIGHT OPTIONS 2.0 & 2.5: SELECT GOLD FLASH IN TAIL, 7 MI MIN
DIM P HEIGHT OPTIONS 3.0 THRU 7.0: SELECT TIN IN TAIL, 50 MI MIN
ALL DIM P HEIGHT OPTIONS - NICKEL UNDERPLATE OVERALL
- PRODUCT SPECIFICATION: PS-45970-001
- PACKAGING SPECIFICATION: TRAY PACK PK-45971-001
- MATES WITH SEARAY RECEPTACLE ASSY 45971
- APPLICATION SPECIFICATION: AS-45970-001
- COSMETIC SPECIFICATION: PS-45499-002 CLASS B
- PART STATUS: CONTACT MOLEX

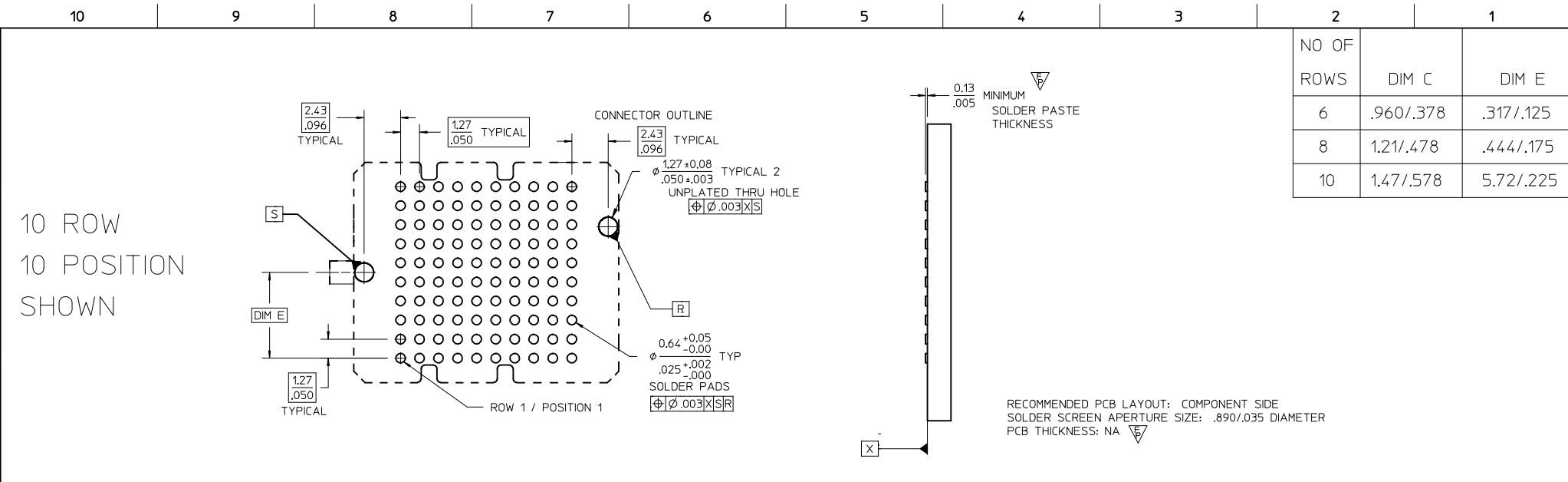


POSITION	
10	0.15/.006
20	0.15/.006
30	0.15/.006
40	0.15/.006
50	0.15/.006
15	0.15/.006
25	0.15/.006
35	0.23/.009
45	0.23/.009

ROWS: 10			
DIM R: (REF)	3.0 MM	3.5 MM	
DIM H:	6.60/.260	7.11/.280	
POSITION	DIM G	MATERIAL NO	MATERIAL NO
20	430.37/1.196		45970-2311
30	43.07/1.696	45970-3211	
40	55.78/2.196		45970-4311

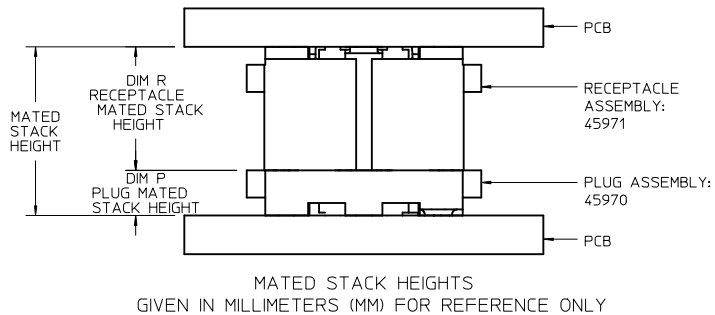
MATED STACK HEIGHTS
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY

INITIAL RELEASE EC NO: UCP2015-1206 DRN:RWHPPL 2014/10/27 CHKD:DMORGAN 2014/10/27 APPR:SMILLER 2015/01/05 A	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ⊙ □																				
		<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .010</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± .015</td></tr><tr><td>1 PLACE</td><td>± 0.38</td><td>± ---</td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td></tr></table>				mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± .015	1 PLACE	± 0.38	± ---	0 PLACE	±	±	DRAWN BY DATE RWHPPL 2014/10/27		TITLE SEARAY, PLUG ASSEMBLY .050 CENTERS TRAY PACKAGING				
			mm	INCH																									
		4 PLACES	± ---	± ---																									
		3 PLACES	± ---	± .010																									
2 PLACES	± 0.25	± .015																											
1 PLACE	± 0.38	± ---																											
0 PLACE	±	±																											
CHECKED BY DATE DMORGAN 2014/10/27																													
APPROVED BY DATE SMILLER 2015/01/05		MATERIAL NO.		DOCUMENT NO.					SHEET NO.																				
ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		RSD-45970-002					1 OF 2																				
REV		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																									

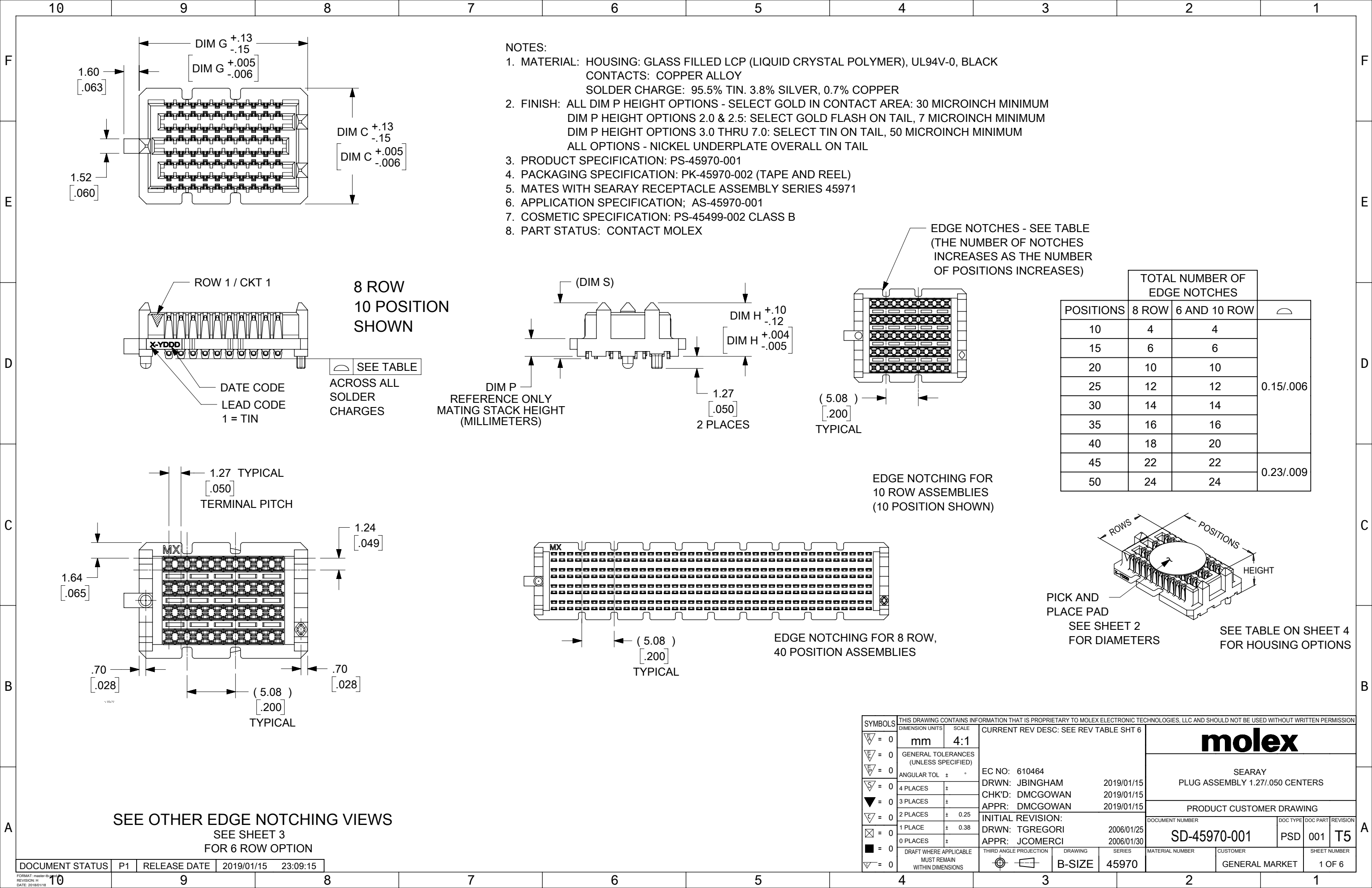


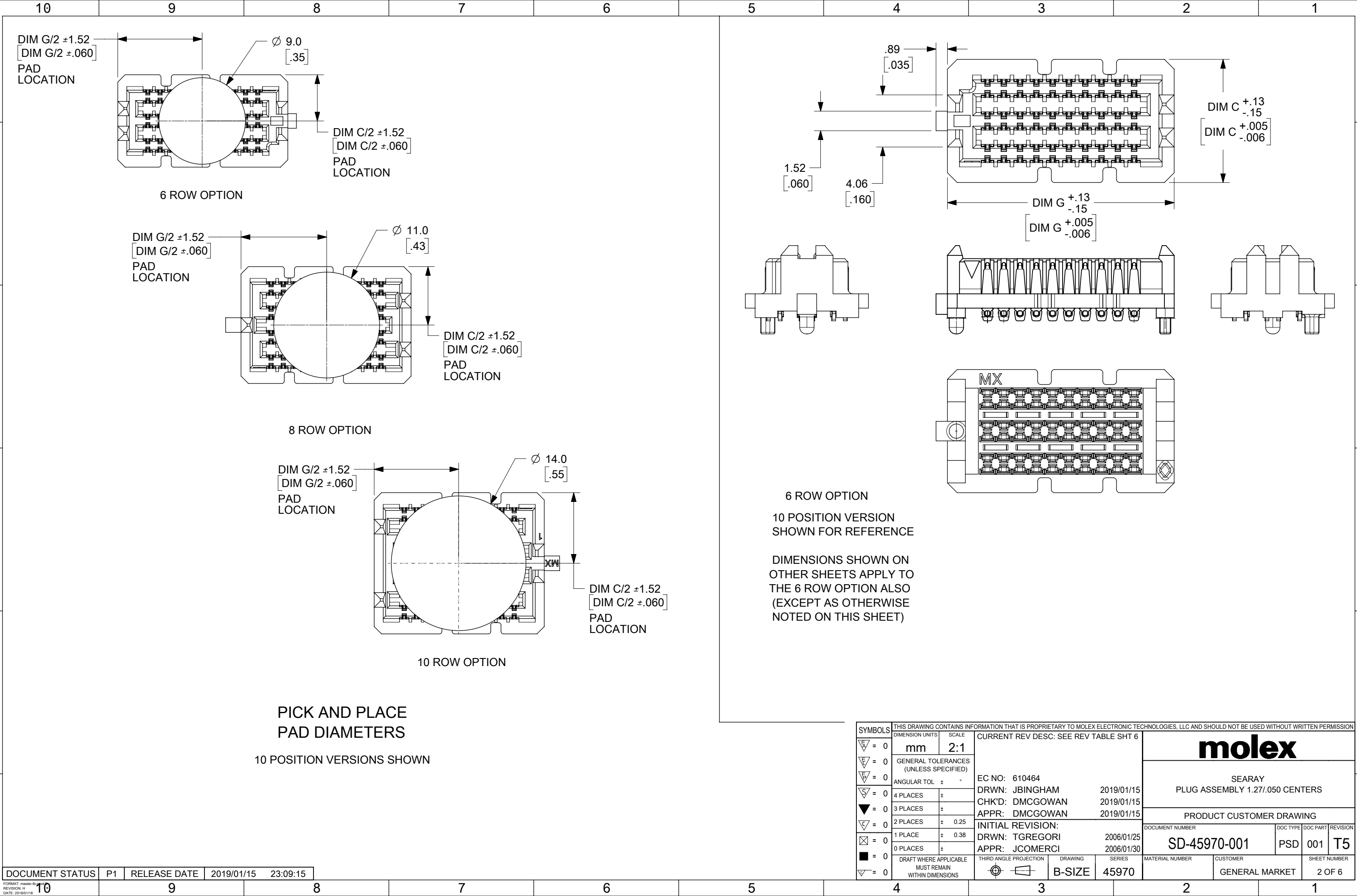
		DIM R					
		RECEPTACLE		STACK HEIGHT			
C		MM	5.0	6.0	6.5	7.5	8.0
		2.0	7.0	8.0	8.5	9.5	10.0
B	DIM P PLUG STACK HEIGHT	3.0	8.0	9.0	9.5	10.5	11.0
		3.5	8.5	9.5	10.0	11.0	11.5
		2.5	7.5	8.5	9.0	10.0	10.5
		4.5	9.5	10.5	11.0	12.0	12.5
		5.0	10.0	11.0	11.5	12.5	13.0
		7.0	12.0	13.0	13.5	14.5	15.0
		9.0	14.0	15.0	15.5	16.5	17.0

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



SEE SHEET 1 EC NO: UCP2015-1206 DRAWN: RWHIPPLE CHKD: DMORGAN APPR: SMILLER 2014/10/27 2014/10/27 2015/01/05	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_B=2 F_C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 			
				mm	INCH	DRAWN BY RWHIPPLE	DATE 2014/10/27	TITLE SEARAY, PLUG ASSEMBLY .050 CENTERS TRAY PACKAGING molex				
			4 PLACES	± ---	± ---	CHECKED BY DMORGAN	DATE 2014/10/27					
			3 PLACES	± ---	± .010	APPROVED BY SMILLER	DATE 2015/01/05					
			2 PLACES	± 0.25	± .015	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			1 PLACE	± 0.38	± ---	SEE TABLE SHT 1		RSD-45970-002		2 OF 2		
			0 PLACE	±	±	SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										



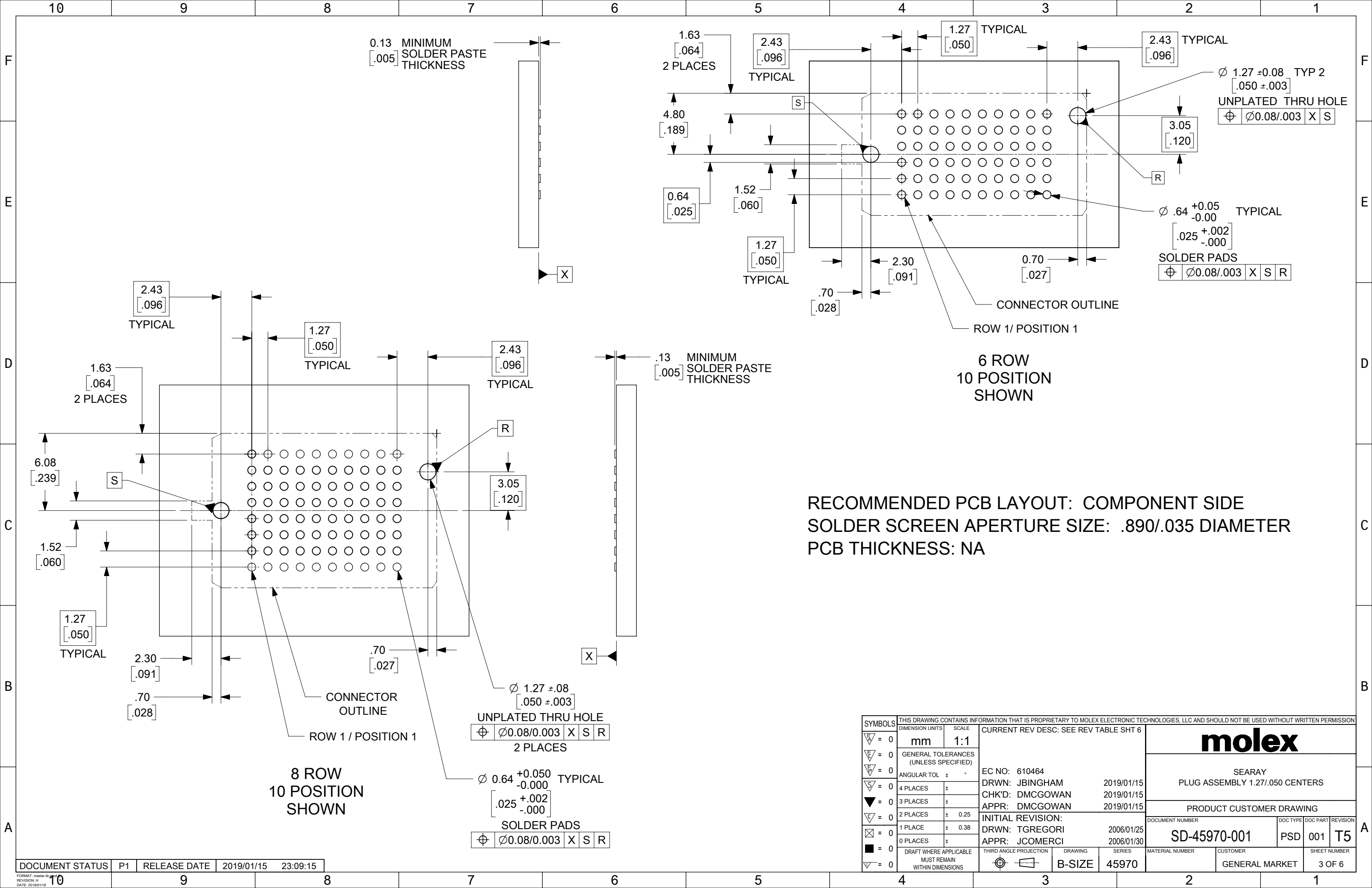


SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REV TABLE SHT 6				molex			
	mm		2:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL ± °											
	4 PLACES		±						EC NO: 610464			
	3 PLACES		±		DRWN: JBINGHAM							

molex

SEARAY
PLUG ASSEMBLY 1.27/.050 CENTERS

PRODUCT CUSTOMER DRAWING



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REV TABLE SHT 6			molex		
	mm		1:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± °									
	4 PLACES		±					EC NO: 610464 DRWN: JBRINGHAM		



STACK HEIGHTS

PLUG STACK HEIGHT

MATED STACK HEIGHTS

ROWS: 6 DIMENSION C = 9.60/.378

MATING STACK HEIGHTS (DIMENSION P)

CUSTOMER	
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10

9

8

7

6

5

4

3

2

1

F

E

D

C

B

A

ROWS: 8 DIMENSION C = 12.14/.478

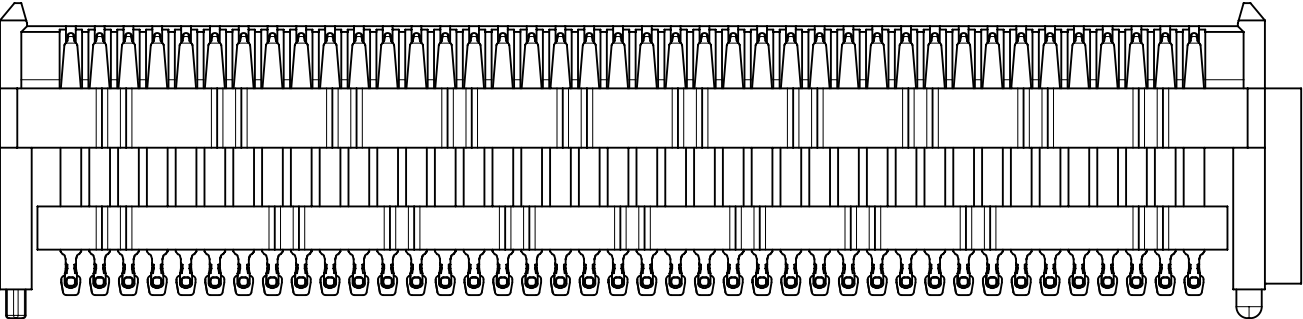
DIM P:		2.0 mm	3.0 mm	3.5 mm	2.5 mm	4.5 mm	5.0 mm	7.0 mm
DIM H:		5.61/.221	6.60/.260	7.11/.280	6.12/.241	8.10/.319	8.61/.339	10.61/.418
DIM S:		5.86/.231	6.85/.270	7.36/.290	6.37/.251	8.35/.329	8.86/.349	10.86/.428
POSITION	DIM G	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
10	17.69/0.698	45970-1185	45970-1285	45970-1385	45970-1485	45970-1585	45970-1685	45970-1785
20	30.39/1.198	45970-2185	45970-2285	45970-2385	45970-2485	45970-2585	45970-2685	45970-2785
30	43.09/1.698	45970-3185	45970-3285	45970-3385	45970-3485	45970-3585	45970-3685	45970-3785
40	55.79/2.198	45970-4185	45970-4285	45970-4385	45970-4485	45970-4585	45970-4685	45970-4785
50	68.49/2.698	45970-5185	45970-5285	45970-5385	45970-5485	45970-5585	45970-5685	45970-5785
15	24.04/0.948	45970-6185	45970-6285	45970-6385	45970-6485	45970-6585	45970-6685	45970-6785
25	36.74/1.448	45970-7185	45970-7285	45970-7385	45970-7485	45970-7585	45970-7685	45970-7785
35	49.44/1.948	45970-8185	45970-8285	45970-8385	45970-8485	45970-8585	45970-8685	45970-8785
45	62.14/2.448	45970-9185	45970-9285	45970-9385	45970-9485	45970-9585	45970-9685	45970-9785

ROWS: 10 DIMENSION C = 14.68/.578

DIM P:		2.0 mm	3.0 mm	3.5 mm	2.5 mm	4.5 mm	5.0 mm	7.0 mm	9.0 mm	9.0 mm
DIM H:		5.61/.221	6.60/.260	7.11/.280	6.12/.241	8.10/.319	8.61/.339	10.61/.418	12.62/.497	12.62/.497
DIM S:		5.86/.231	6.85/.270	7.36/.290	6.37/.251	8.35/.329	8.86/.349	10.86/.428	12.87/.507	12.87/.507
POSITION	DIM G	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
10	17.69/0.698	45970-1115	45970-1215	45970-1315	45970-1415	45970-1515	45970-1615	45970-1715	45970-1915	
20	30.39/1.198	45970-2115	45970-2215	45970-2315	45970-2415	45970-2515	45970-2615	45970-2715	45970-2915	
30	43.09/1.698	45970-3115	45970-3215	45970-3315	45970-3415	45970-3515	45970-3615	45970-3715	45970-3915	
40	55.79/2.198	45970-4115	45970-4215	45970-4315	45970-4415	45970-4515	45970-4615	45970-4715	45970-4915	45970-4916
50	68.49/2.698	45970-5115	45970-5215	45970-5315	45970-5415	45970-5515	45970-5615	45970-5715	45970-5915	45970-5916
15	24.04/0.948	45970-6115	45970-6215	45970-6315	45970-6415	45970-6515	45970-6615	45970-6715	45970-6915	
25	36.74/1.448	45970-7115	45970-7215	45970-7315	45970-7415	45970-7515	45970-7615	45970-7715	45970-7915	
35	49.44/1.948	45970-8115	45970-8215	45970-8315	45970-8415	45970-8515	45970-8615	45970-8715	45970-8915	
45	62.14/2.448	45970-9115	45970-9215	45970-9315	45970-9415	45970-9515	45970-9615	45970-9715	45970-9915	

MATING STACK HEIGHTS (DIMENSION P)
GIVEN IN MILLIMETERS (mm) FOR REFERENCE ONLY

9.0mm PLUG WITH ALIGNER
45970-4916 SHOWN



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REV TABLE SHT 6													
	mm		3:1															
	= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 610464 DRWN: JBRINGHAM 2019/01/15 CHK'D: DMCGOWAN 2019/01/15 APPR: DMCGOWAN 2019/01/15 INITIAL REVISION: DRWN: TGREGORI 2006/01/25 APPR: JCOMERCI 2006/01/30											
	= 0																	
	= 0		ANGULAR TOL ± °		4 PLACES ±						3 PLACES ±		2 PLACES ± 0.25		1 PLACE ± 0.38		0 PLACES ±	
	= 0																	
	= 0		= 0		= 0		= 0		= 0		= 0		= 0					
	= 0		= 0		= 0		= 0		= 0		= 0		= 0					
	= 0		= 0		= 0		= 0		= 0		= 0		= 0					
= 0		= 0		= 0		= 0		= 0		= 0		= 0						
= 0		= 0		= 0		= 0		= 0		= 0		= 0						

DOCUMENT STATUS		P1	RELEASE DATE	2019/01/15	23:09:15
9		8		7	6
5		4		3	2
1					

molex		
SEARAY PLUG ASSEMBLY 1.27/.050 CENTERS		
PRODUCT CUSTOMER DRAWING		
DOCUMENT NUMBER	DOC TYPE DOC PART REVISION	
SD-45970-001	PSD 001 T5	
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	5 OF 6

