

F

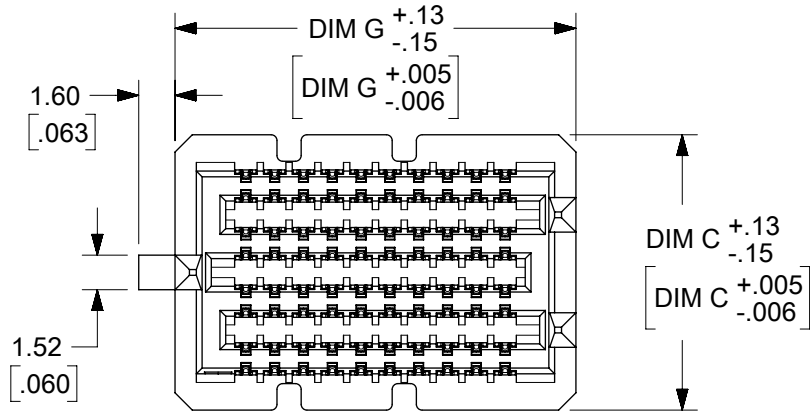
E

D

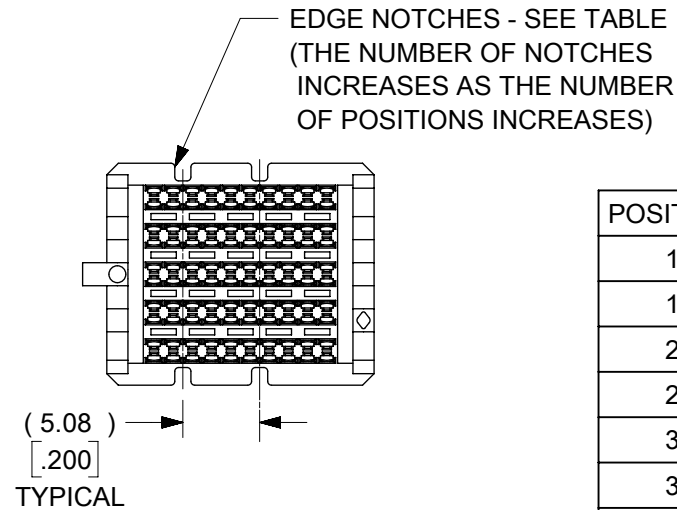
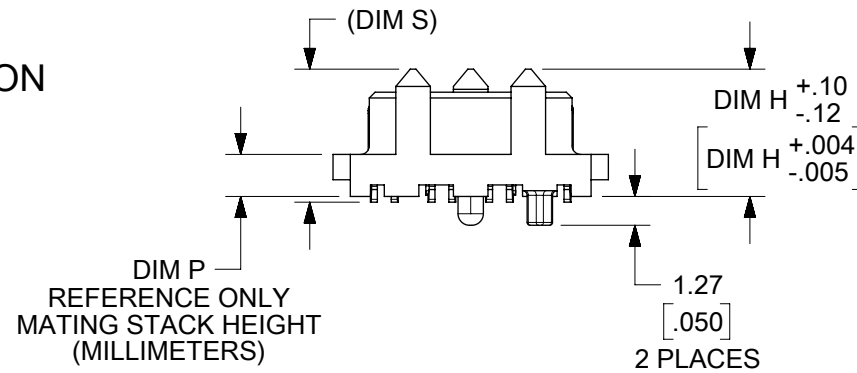
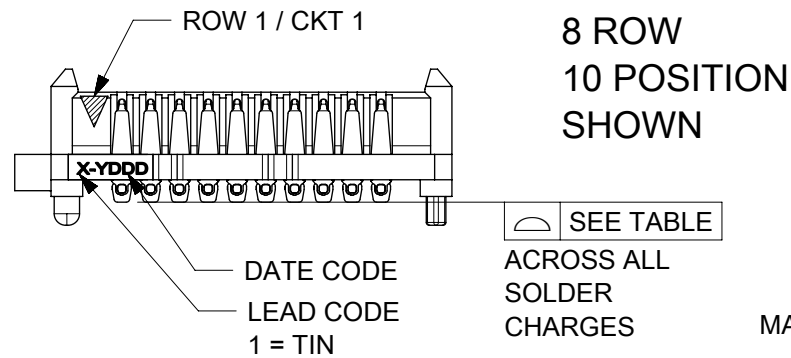
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B

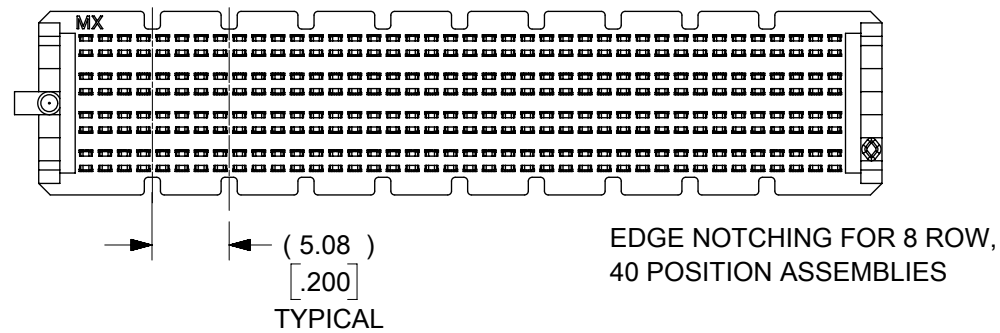
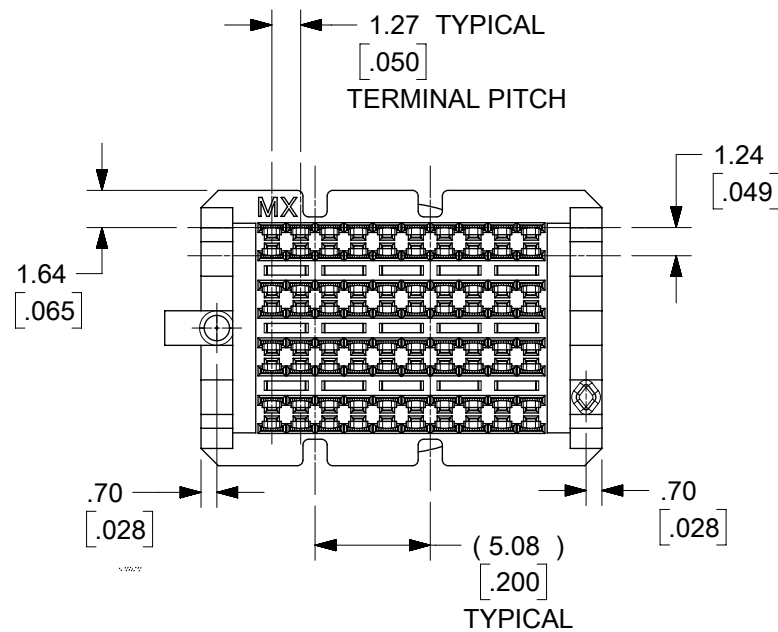
A



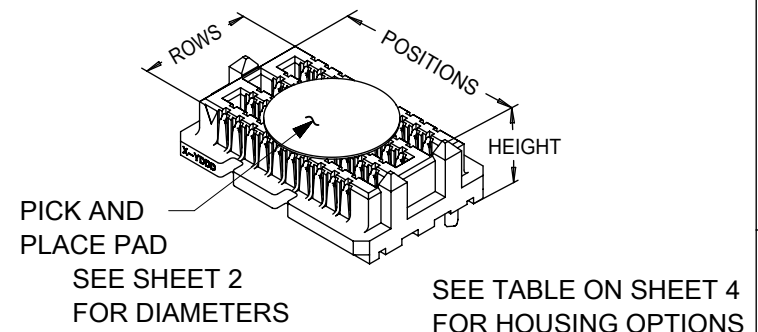
- NOTES:
1. MATERIAL: HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: 95.5% TIN, 3.8% SILVER, 0.7% COPPER
 2. FINISH: ALL DIM P HEIGHT OPTIONS - SELECT GOLD IN CONTACT AREA: 30 MICROINCH MINIMUM
DIM P HEIGHT OPTIONS 2.0 & 2.5: SELECT GOLD FLASH ON TAIL, 7 MICROINCH MINIMUM
DIM P HEIGHT OPTIONS 3.0 THRU 7.0: SELECT TIN ON TAIL, 50 MICROINCH MINIMUM
ALL OPTIONS - NICKEL UNDERPLATE OVERALL ON TAIL
 3. PRODUCT SPECIFICATION: PS-45970-001
 4. PACKAGING SPECIFICATION: PK-45970-002 (TAPE AND REEL)
 5. MATES WITH SEARAY RECEPTACLE ASSEMBLY SERIES 45971
 6. APPLICATION SPECIFICATION; AS-45970-001
 7. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
 8. PART STATUS: CONTACT MOLEX



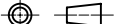
POSITIONS	TOTAL NUMBER OF EDGE NOTCHES		
	8 ROW	6 AND 10 ROW	
10	4	4	0.15/.006
15	6	6	
20	10	10	
25	12	12	
30	14	14	
35	16	16	
40	18	20	0.23/.009
45	22	22	
50	24	24	

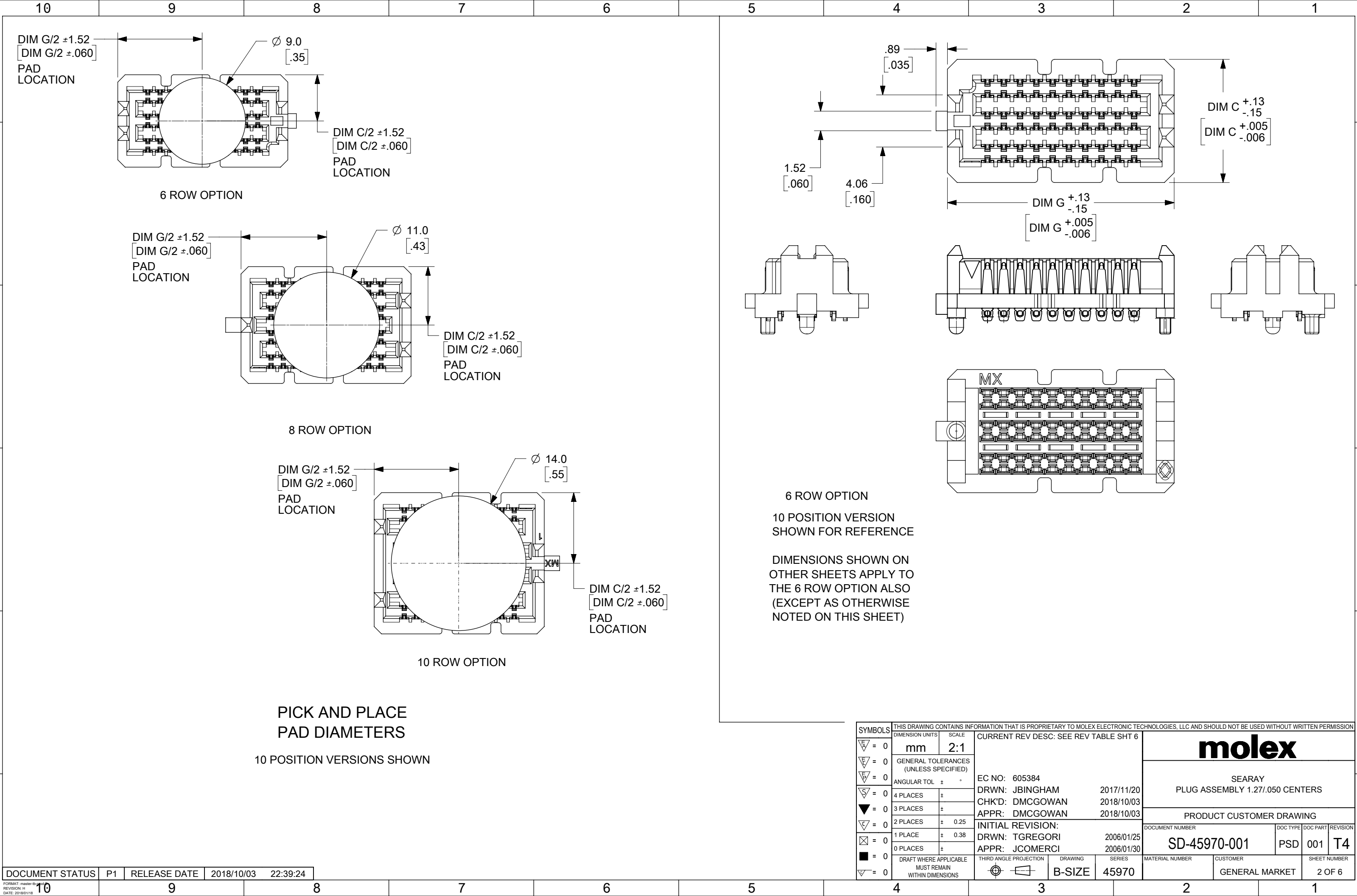


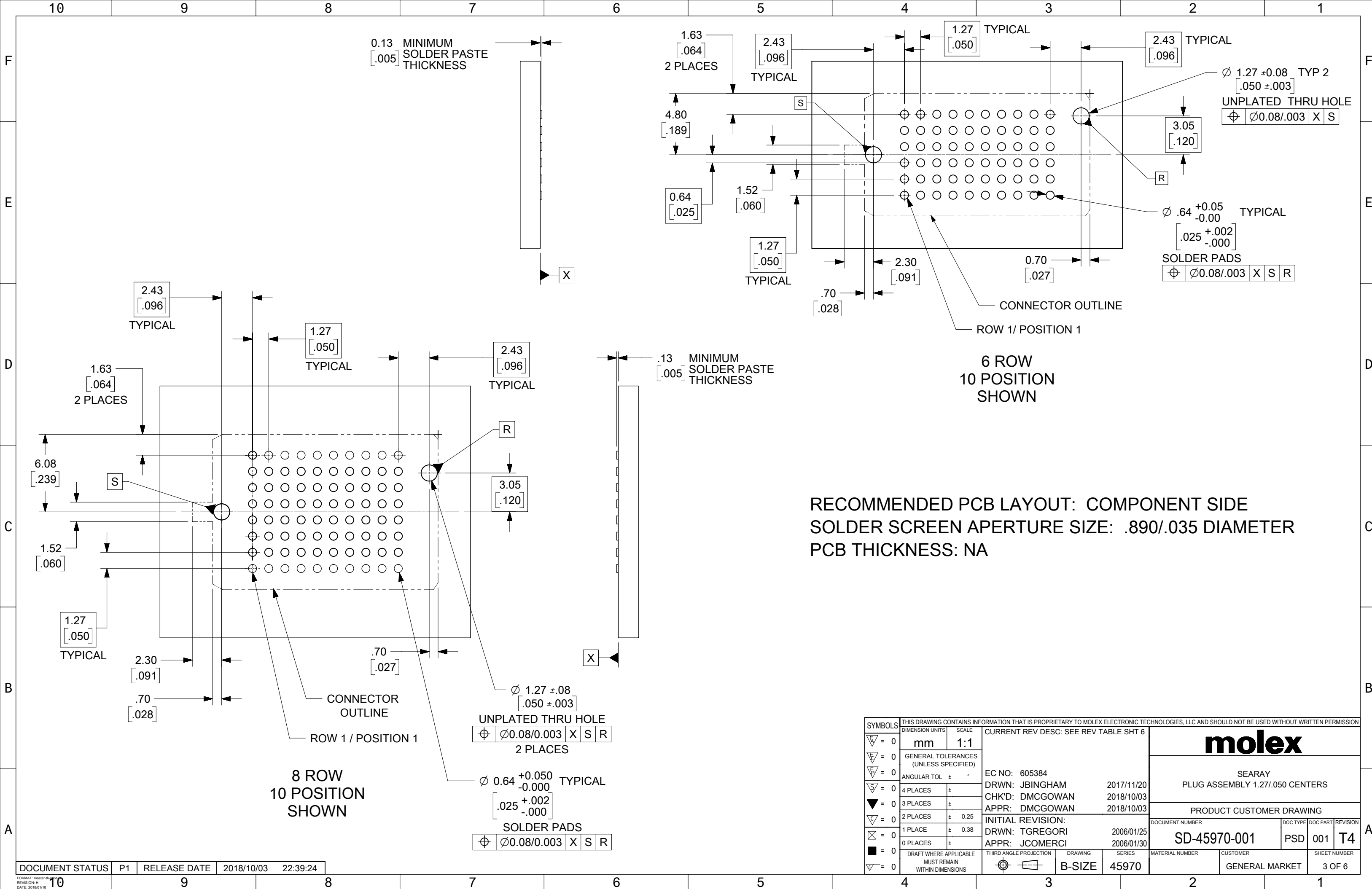
EDGE NOTCHING FOR
10 ROW ASSEMBLIES
(10 POSITION SHOWN)

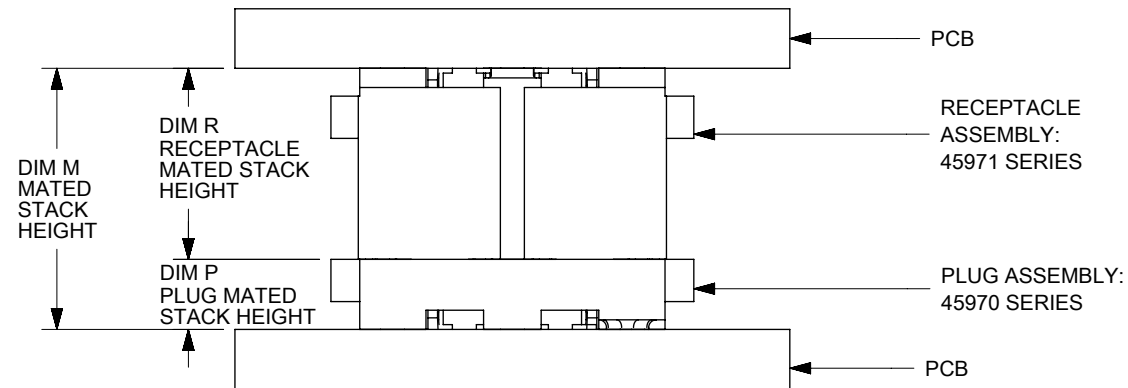


SEE OTHER EDGE NOTCHING VIEWS
SEE SHEET 3
FOR 6 ROW OPTION

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
▽ = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REV TABLE SHT 6											
		mm		4:1													
▽ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 605384											
▽ = 0																	
▽ = 0		ANGULAR TOL		±		°		DRWN: JBBINGHAM 2017/11/20 CHK'D: DMCGOWAN 2018/10/03 APPR: DMCGOWAN 2018/10/03									
▽ = 0		4 PLACES		±													
▽ = 0		3 PLACES		±				INITIAL REVISION: DRWN: TGREGORI 2006/01/25 APPR: JCOMERCI 2006/01/30									
▽ = 0		2 PLACES		±		0.25											
▽ = 0		1 PLACE		±		0.38		DOCUMENT NUMBER SD-45970-001									
▽ = 0		0 PLACES		±										DOC TYPE PSD		DOC PART 001	
■ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING B-SIZE		SERIES 45970		MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 6	







STACK HEIGHTS
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY

		DIM R RECEPTACLE STACK HEIGHT										
		mm	5.0		6.0		6.5		7.5		8.0	
			DIM M FULLY MATED	DIM M MAX	DIM M FULLY MATED	DIM M MAX	DIM M FULLY MATED	DIM M MAX	DIM M FULLY MATED	DIM M MAX	DIM M FULLY MATED	DIM M MAX
DIM P PLUG STACK HEIGHT	2.0	7.00	7.74	8.00	8.74	8.50	9.24	9.50	10.24	10.00	10.74	
	2.5	7.50	8.24	8.50	9.24	9.00	9.74	10.00	10.74	10.50	11.24	
	3.0	8.00	8.74	9.00	9.74	9.50	10.24	10.50	11.24	11.00	11.74	
	3.5	8.50	9.24	9.50	10.24	10.00	10.74	11.00	11.74	11.50	12.24	
	4.5	9.50	10.24	10.50	11.24	11.00	11.74	12.00	12.74	12.50	13.24	
	5.0	10.00	10.74	11.00	11.74	11.50	12.24	12.50	13.24	13.00	13.74	
	7.0	12.00	12.74	13.00	13.74	13.50	14.24	14.50	15.24	15.00	15.74	
	9.0	14.00	14.74	15.00	15.74	15.50	16.24	16.50	17.24	17.00	17.74	

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

ROWS: 6 DIMENSION C = 9.60/.378								
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	45970-1165	45970-1265	45970-1365	45970-1465	45970-1565	45970-1665	45970-1765
20	30.39/1.198	45970-2165	45970-2265	45970-2365	45970-2465	45970-2565	45970-2665	45970-2765
30	43.09/1.698	45970-3165	45970-3265	45970-3365	45970-3465	45970-3565	45970-3665	45970-3765
40	55.79/2.198	45970-4165	45970-4265	45970-4365	45970-4465	45970-4565	45970-4665	45970-4765
50	68.49/2.698	45970-5165	45970-5265	45970-5365	45970-5465	45970-5565	45970-5665	45970-5765
15	24.04/0.948	45970-6165	45970-6265	45970-6365	45970-6465	45970-6565	45970-6665	45970-6765
25	36.74/1.448	45970-7165	45970-7265	45970-7365	45970-7465	45970-7565	45970-7665	45970-7765
35	49.44/1.948	45970-8165	45970-8265	45970-8365	45970-8465	45970-8565	45970-8665	45970-8765
45	62.14/2.448	45970-9165	45970-9265	45970-9365	45970-9465	45970-9565	45970-9665	45970-9765

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				molex					
mm		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 605384 DRWN: JBGINGHAM 2017/11/20 CHK'D: DMCGOWAN 2018/10/03 APPR: DMCGOWAN 2018/10/03				SEARAY PLUG ASSEMBLY 1.27/.050 CENTERS							
ANGULAR TOL ± °													
4 PLACES ±		INITIAL REVISION: DRWN: TGGREGORI 2006/01/25 APPR: JCOMERCI 2006/01/30				PRODUCT CUSTOMER DRAWING							
3 PLACES ±													
2 PLACES ± 0.25		DOCUMENT NUMBER SD-45970-001				DOC TYPE PSD		DOC PART 001		REVISION T4			
1 PLACE ± 0.38													
0 PLACES ±		THIRD ANGLE PROJECTION 				DRAWING B-SIZE		SERIES 45970		MATERIAL NUMBER CUSTOMER GENERAL MARKET		SHEET NUMBER 4 OF 6	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													

