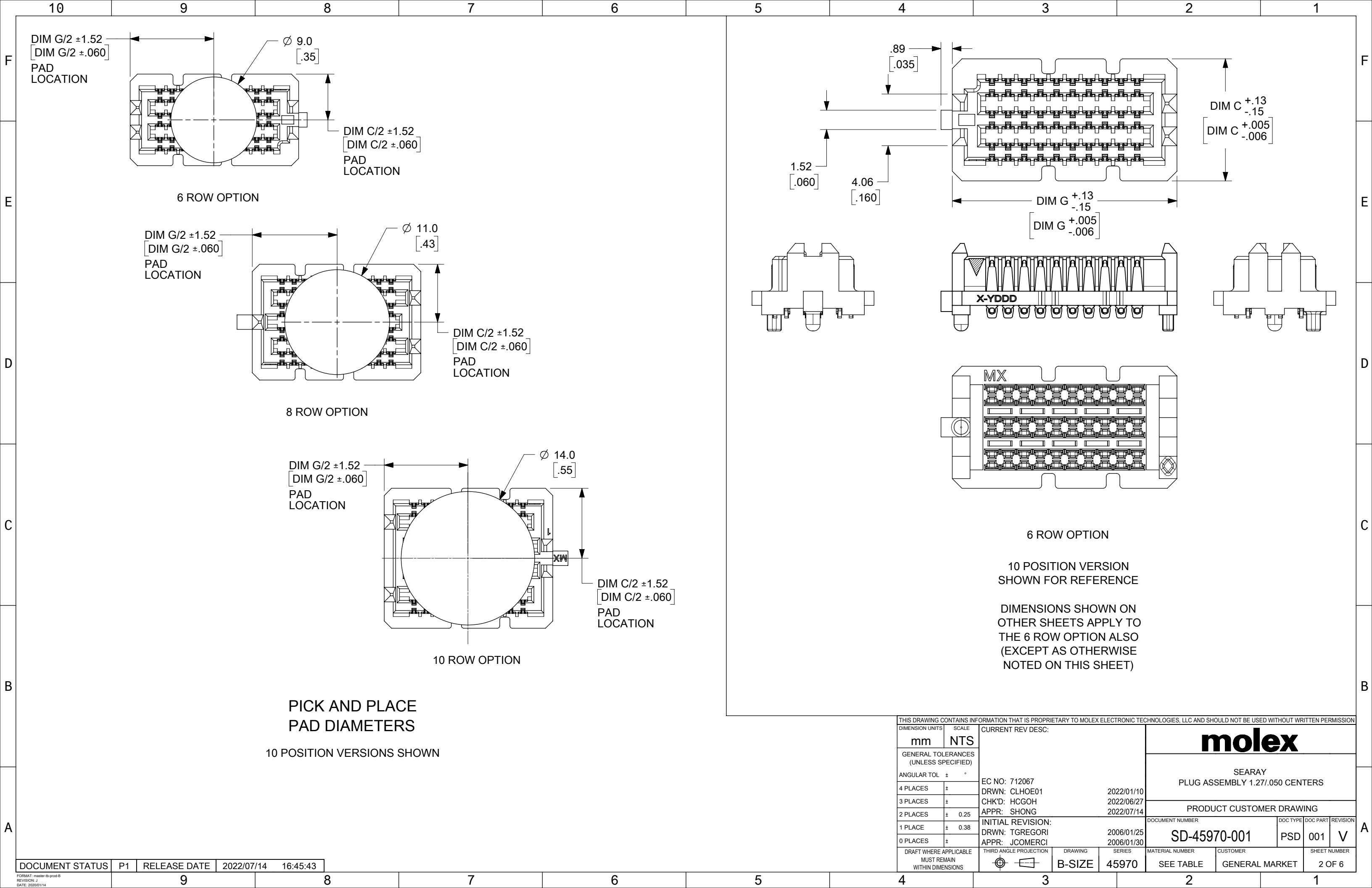
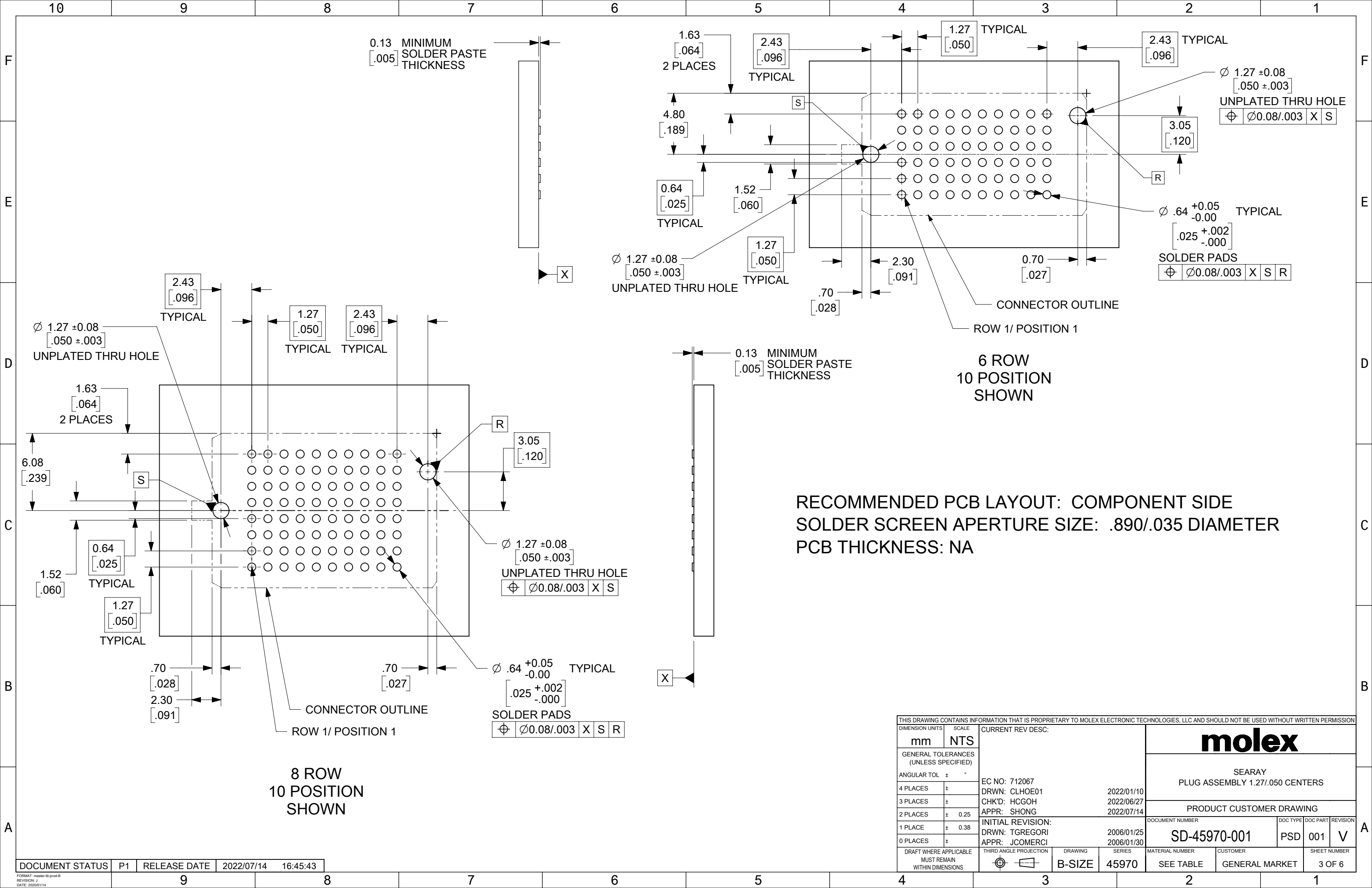




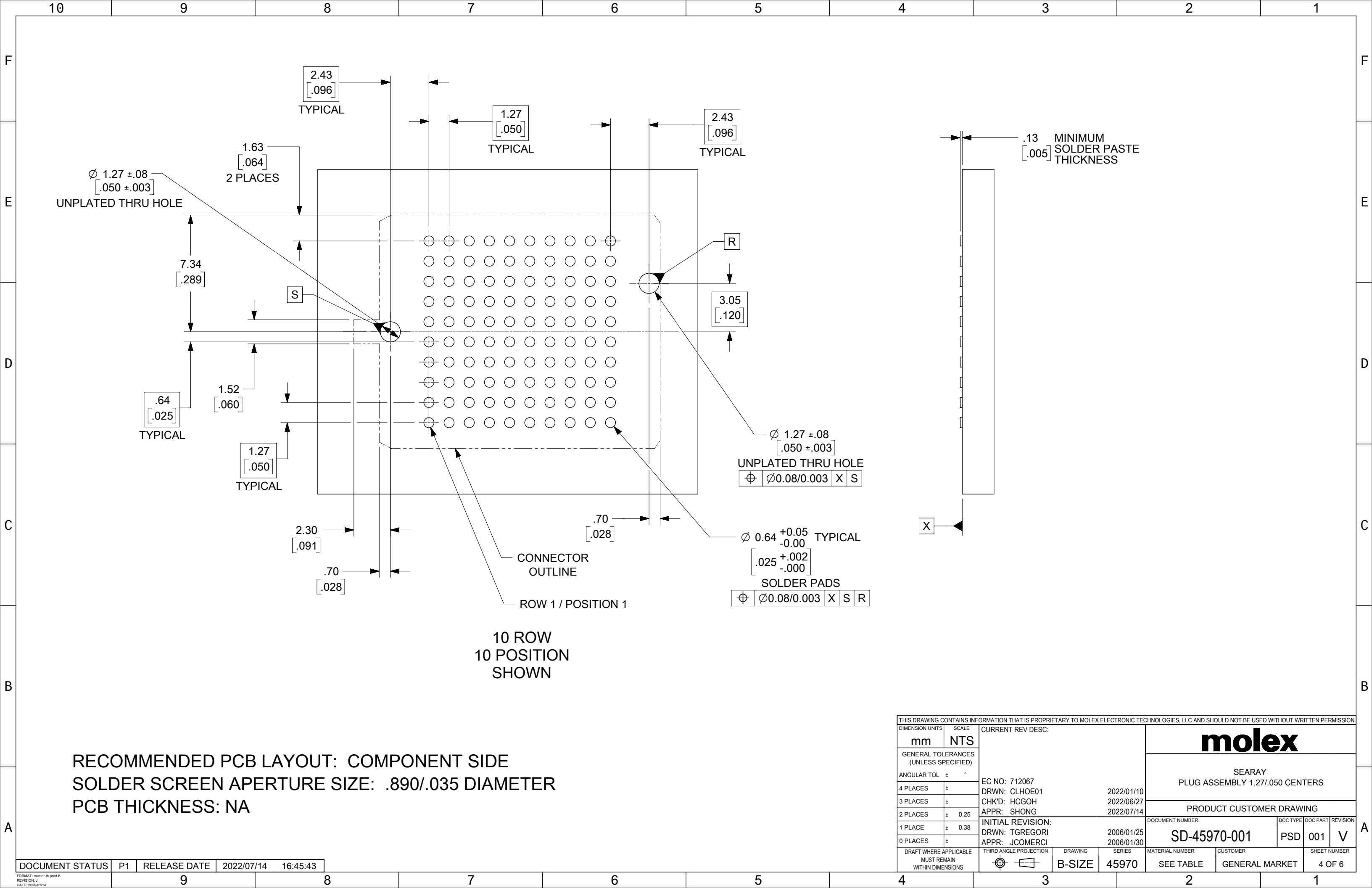


RECOMMENDED PCB LAYOUT: COMPONENT SIDE
SOLDER SCREEN APERTURE SIZE: .890/.035 DIAMETER
PCB THICKNESS: NA

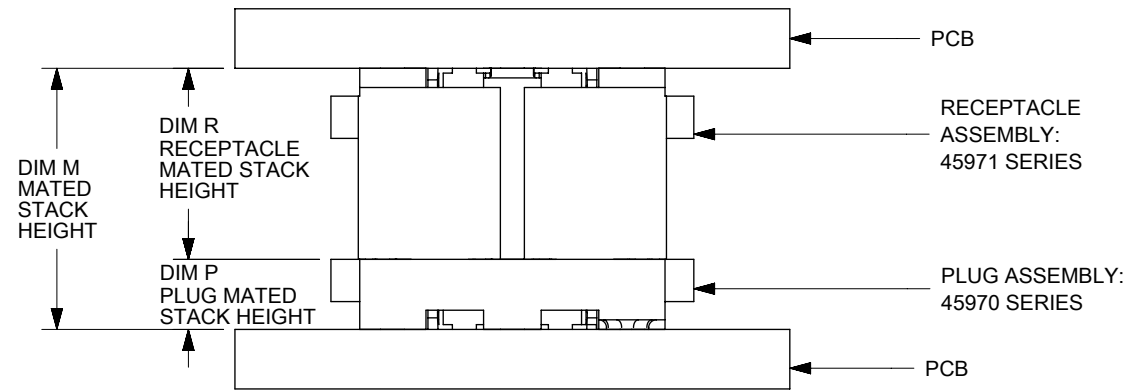
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex SEARAY PLUG ASSEMBLY 1.27/.050 CENTERS			
mm	NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		±	°								
4 PLACES	±										
3 PLACES	±										
2 PLACES	±	0.25									
1 PLACE	±	0.38									
0 PLACES	±										
EC NO: 712067 DRWN: CLHOE01 CHK'D: HCGOH APPR: SHONG				2022/01/10							
				2022/06/27							
				2022/07/14				PRODUCT CUSTOMER DRAWING			
INITIAL REVISION: DRWN: TCGREGORI APPR: JCOMERCI				2006/01/25		DOCUMENT NUMBER		DOC TYPE		DOC PART	
				2006/01/30		SD-45970-001		PSD		001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		CUSTOMER		SHEET NUMBER	
						B-SIZE		GENERAL MARKET		3 OF 6	
				SERIES		MATERIAL NUMBER					
				45970		SEE TABLE					

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/14	16:45:43
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FORMAT: master-b-prod-B
REVISION: J
DATE: 2020/01/14



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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex SEARAY PLUG ASSEMBLY 1.27/.050 CENTERS				
mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 712067 DRWN: CLHOE01 2022/01/10 CHK'D: HCGOH 2022/06/27 APPR: SHONG 2022/07/14								
ANGULAR TOL ° ′												
4 PLACES		±										
3 PLACES		±										
2 PLACES		± 0.25										
1 PLACE		± 0.38		INITIAL REVISION: DRWN: TGREGORI 2006/01/25 APPR: JCOMERCI 2006/01/30				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES		±						SD-45970-001		PSD	001	V
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
				B-SIZE		45970		SEE TABLE	GENERAL MARKET		4 OF 6	



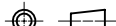
STACK HEIGHTS
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY

ROWS: 6 DIMENSION C = 9.60/.378		
DIM P:		2.0 mm
DIM H:		5.61/.221
DIM S:		5.86/.231
POSITION	DIM G	MATERIAL NO
30	43.09/1.698	45970-3165

		DIM R RECEPTACLE STACK HEIGHT									
		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

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

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:			molex								
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± °					SEARAY PLUG ASSEMBLY 1.27/.050 CENTERS								
4 PLACES		±													
3 PLACES		±		PRODUCT CUSTOMER DRAWING											
2 PLACES		± 0.25													
1 PLACE		± 0.38													
0 PLACES		±		INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION			
DRWN: TGGREGORI				2006/01/25		SD-45970-001			PSD		001	V			
APPR: JCOMERCI				2006/01/30											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE		45970		SEE TABLE		GENERAL MARKET		5 OF 6	

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F

E

D

C

B

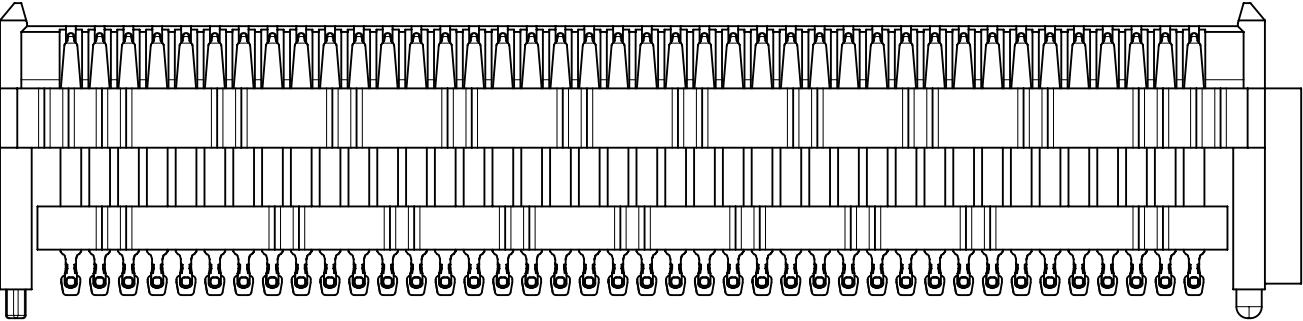
A

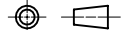
ROWS: 8 DIMENSION C = 12.14/.478			
DIM P:		2.0 mm	3.5 mm
DIM H:		5.61/.221	7.11/.280
DIM S:		5.86/.231	7.36/.290
POSITION	DIM G	MATERIAL NO	MATERIAL NO
20	30.39/1.198	45970-2185	45970-2385
30	43.09/1.698	45970-3185	45970-3385
40	55.79/2.198	45970-4185	45970-4385
50	68.49/2.698	45970-5185	

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		45970-4916
50	68.49/2.698	45970-5115	45970-5215	45970-5315	45970-5415	45970-5515	45970-5615	45970-5715		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



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DIMENSION UNITS mm		SCALE NTS		CURRENT REV DESC: EC NO: 712067 DRWN: CLHOE01 CHK'D: HCGOH APPR: SHONG INITIAL REVISION: DRWN: TGREGORI APPR: JCOMERCI THIRD ANGLE PROJECTION 				 SEARAY PLUG ASSEMBLY 1.27/.050 CENTERS							
GENERAL TOLERANCES (UNLESS SPECIFIED)												PRODUCT CUSTOMER DRAWING			
ANGULAR TOL ± °												DOCUMENT NUMBER SD-45970-001			
4 PLACES ±								2022/01/10							
3 PLACES ±								2022/06/27							
2 PLACES ± 0.25				2022/07/14											
1 PLACE ± 0.38				2006/01/25											
0 PLACES ±				2006/01/30											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING B-SIZE		SERIES 45970		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 6 OF 6			

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/14	16:45:43
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