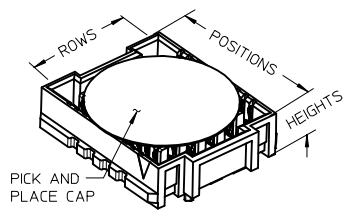
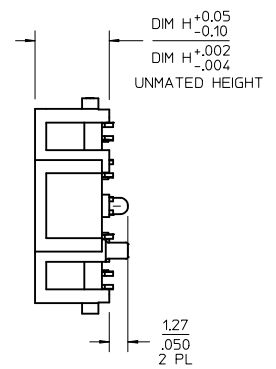
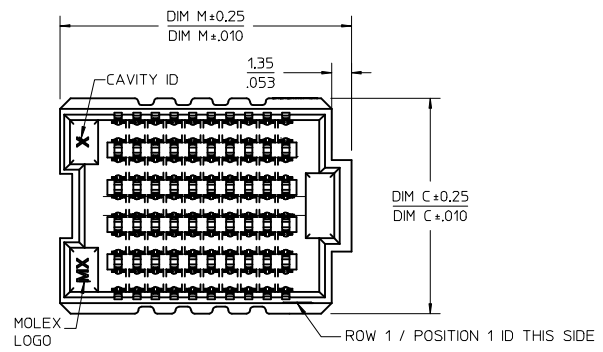


10 ROW  
10 POSITION  
SHOWN



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

SEE SHEET 3 FOR  
6 ROW GEOMETRY

NOTES:

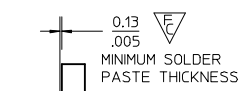
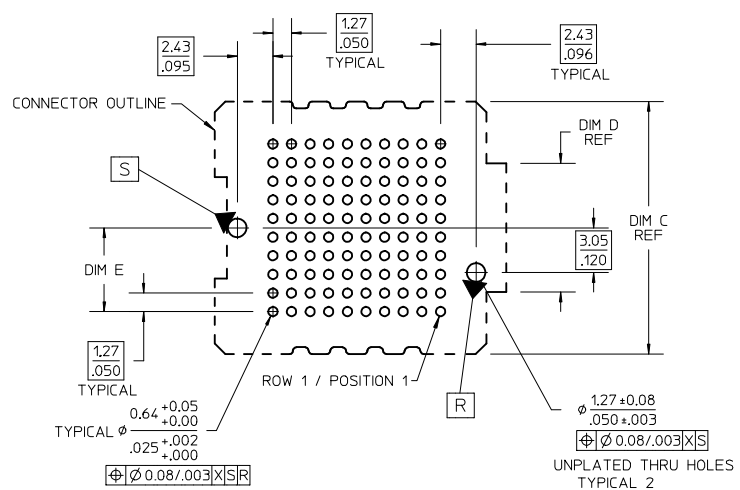
- MATERIALS: HOUSING: LCP, GLASS FILLED, UL94V-0, BLACK  
CONTACTS: COPPER ALLOY  
SOLDER CHARGE: 63% TIN, 37% LEAD
- FINISH: SELECT GOLD IN CONTACT AREA: 30 MICRINCH MINIMUM  
SELECT TIN IN TAIL, 50 MICRINCH MINIMUM  
OVERALL - NICKEL UNDERPLATE OVERALL
- PRODUCT SPECIFICATION: PS-45970-001
- PACKAGING SPECIFICATION: TAPE AND REEL PACK PK-45971-002
- MATES WITH SEARAY PLUG ASSEMBLY 45970
- APPLICATION SPECIFICATION: AS-45970-001
- COSMETIC SPECIFICATION: PS-45499-002 CLASS B
- PART STATUS: CONTACT MOLEX

INITIAL RELEASE EC NO: UCP2015-1206 DRAWN BY: RWHIPPLE 2014/10/23 CHKD: DMORGAN 2014/10/23 APPR: SMILLER 2015/01/05	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- 0 PLACE ± ±	DIMENSION STYLE MM/IN DRAWN BY: RWHIPPLE DATE: 2014/10/23 CHECKED BY: DMORGAN DATE: 2014/10/24 APPROVED BY: SMILLER DATE: 2015/01/05	SCALE 3:1 DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLES SHT 4	TITLE SEARAY RECEPTACLE ASSEMBLY, TIN/LEAD 1.27/.050 CENTERS <b>molex</b>	DOCUMENT NO. RSD-45971-001	SHEET NO. 1 OF 4
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	SIZE B					

10 9 8 7 6 5 4 3 2 1

NO OF ROWS	DIM C	DIM D	DIM E
8	12.14/.478	3.70/.146	4.44/.175
10	14.68/.578	6.24/.246	5.71/.225

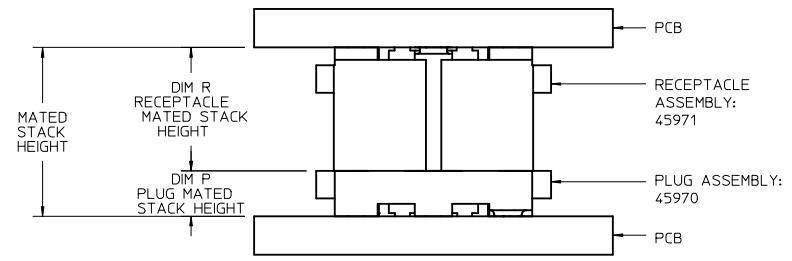
10 ROW  
10 POSITION  
SHOWN



RECOMMENDED PCB LAYOUT: COMPONENT SIDE  
SOLDER SCREEN APERTURE SIZE: .089/.035 DIAMETER  
PCB THICKNESS: NA

		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	10.0
	3.0	8.0	9.0	9.5	10.5	11.0	11.0
	3.5	8.5	9.5	10.0	11.0	11.5	11.5
	2.5	7.5	8.5	9.0	10.0	10.5	10.5
	4.5	9.5	10.5	11.0	12.0	12.5	12.5
	5.0	10.0	11.0	11.5	12.5	13.0	13.0
	7.0	12.0	13.0	13.5	14.5	15.0	15.0

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

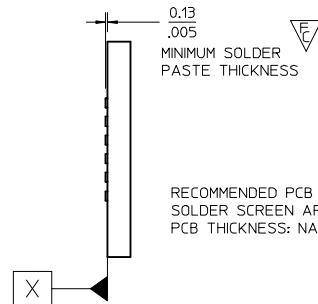
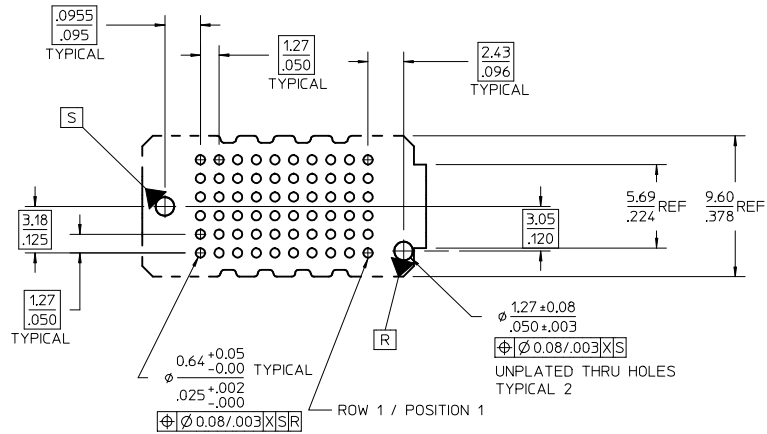


MATED STACK HEIGHTS  
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY

SEE SHEET 1 EC NO: UCP2015-1206 DRAWN: RWHIPPLE 2014/10/23 CHKD: DMORGAN 2014/10/23 APPR: SMILLER 2015/01/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$F/0$ $F/2$ $F/0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- 0 PLACE ± ±	MM/IN	3:1	INCH	DRAWN BY: RWHIPPLE DATE: 2014/10/23 CHECKED BY: DMORGAN DATE: 2014/10/24 APPROVED BY: SMILLER DATE: 2015/01/05
	ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLES SHT 4 SIZE B	TITLE SEARAY RECEPTACLE ASSEMBLY, TIN/LEAD 1.27/.050 CENTERS <b>molex</b>	DOCUMENT NO. RSD-45971-001	SHEET NO. 2 OF 4	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

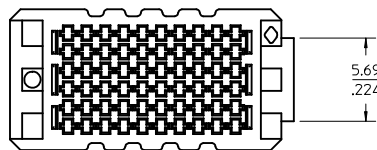
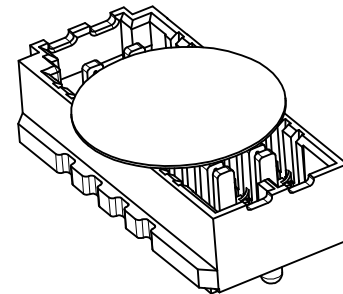
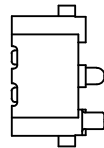
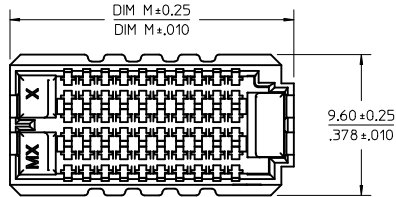
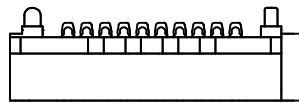
9 8 7 6 5 4 3 2 1

CONNECTOR OUTLINE



RECOMMENDED PCB LAYOUT: COMPONENT SIDE  
 SOLDER SCREEN APERTURE SIZE: .089/.035  
 PCB THICKNESS: NA

6 ROW GEOMETRY



SEE SHEET 1 EC NO: UCP2015-1206 DRAWN: RWHIPPLE 2014/10/23 CHKD: DMORGAN 2014/10/23 APPR: SMILLER 2015/01/05	DESCRIPTION REV A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		▽/0	mm	INCH	MM/IN	3:1	INCH	SEARAY RECEPTACLE ASSEMBLY, TIN/LEAD 1.27/.050 CENTERS <b>molex</b>	
		▽/2	± ---	± ---	DRAWN BY	DATE	TITLE		
		▽/0	4 PLACES	± ---	± ---	RWHIPPLE	2014/10/23		
	3 PLACES	± ---	± .010	CHECKED BY	DATE				
		2 PLACES	± 0.25	± .015	DMORGAN	2014/10/24			
		1 PLACE	± 0.38	± ---	APPROVED BY	DATE			
		0 PLACE	±	±	SMILLER	2015/01/05			
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLES SHT 4		RSD-45971-001		3 OF 4	
				SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

ROWS: 6

DIM R: (REF)		5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM
DIM H:		5.05/199	6.04/238	6.66/258	7.54/297	8.05/317
POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
10	19.86/0.782	45971-1167	45971-1267	45971-1367	45971-1467	45971-1567
20	32.56/1.282	45971-2167	45971-2267	45971-2367	45971-2467	45971-2567
30	45.26/1.782	45971-3167	45971-3267	45971-3367	45971-3467	45971-3567
40	57.96/2.282	45971-4167	45971-4267	45971-4367	45971-4467	45971-4567
50	70.68/2.782	45971-5167	45971-5267	45971-5367	45971-5467	45971-5567
15	26.21/1.032	45971-6167	45971-6267	45971-6367	45971-6467	45971-6567
25	38.91/1.532	45971-7167	45971-7267	45971-7367	45971-7467	45971-7567
35	51.61/2.032	45971-8167	45971-8267	45971-8367	45971-8467	45971-8567
45	64.31/2.532	45971-9167	45971-9267	45971-9367	45971-9467	45971-9567

ROWS: 10

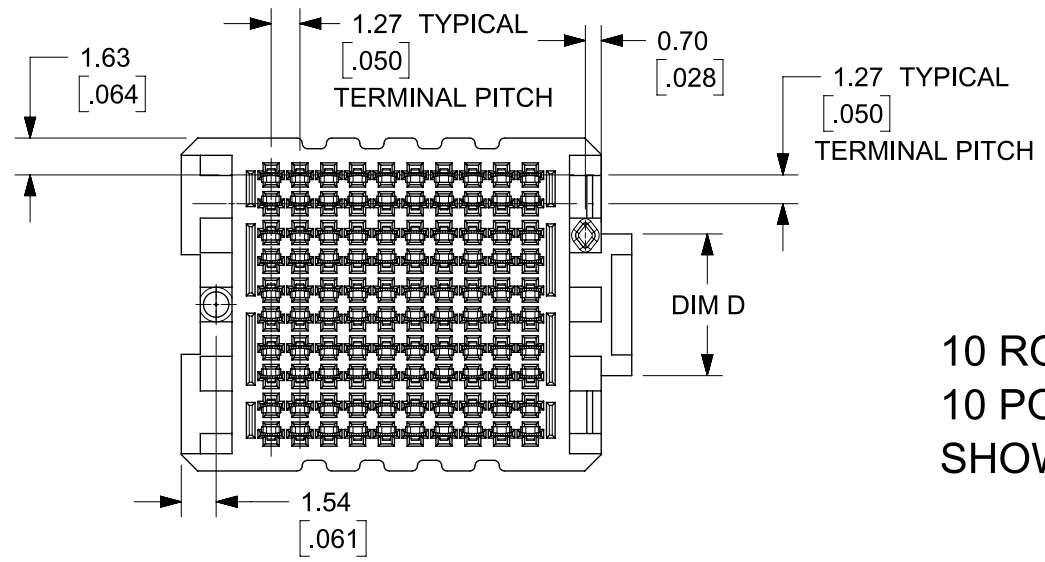
DIM R: (REF)		5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM
DIM H:		5.05/199	6.04/238	6.66/258	7.54/297	8.05/317
POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
10	19.86/0.782	45971-1117	45971-1217	45971-1317	45971-1417	45971-1517
20	32.56/1.282	45971-2117	45971-2217	45971-2317	45971-2417	45971-2517
30	45.26/1.782	45971-3117	45971-3217	45971-3317	45971-3417	45971-3517
40	57.96/2.282	45971-4117	45971-4217	45971-4317	45971-4417	45971-4517
50	70.68/2.782	45971-5117	45971-5217	45971-5317	45971-5417	45971-5517
15	26.21/1.032	45971-6117	45971-6217	45971-6317	45971-6417	45971-6517
25	38.91/1.532	45971-7117	45971-7217	45971-7317	45971-7417	45971-7517
35	51.61/2.032	45971-8117	45971-8217	45971-8317	45971-8417	45971-8517
45	64.31/2.532	45971-9117	45971-9217	45971-9317	45971-9417	45971-9517

ROWS: 8

DIM R: (REF)		5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM
DIM H:		5.05/199	6.04/238	6.66/258	7.54/297	8.05/317
POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
10	19.86/0.782	45971-1187	45971-1287	45971-1387	45971-1487	45971-1587
20	32.56/1.282	45971-2187	45971-2287	45971-2387	45971-2487	45971-2587
30	45.26/1.782	45971-3187	45971-3287	45971-3387	45971-3487	45971-3587
40	57.96/2.282	45971-4187	45971-4287	45971-4387	45971-4487	45971-4587
50	70.68/2.782	45971-5187	45971-5287	45971-5387	45971-5487	45971-5587
15	26.21/1.032	45971-6187	45971-6287	45971-6387	45971-6487	45971-6587
25	38.91/1.532	45971-7187	45971-7287	45971-7387	45971-7487	45971-7587
35	51.61/2.032	45971-8187	45971-8287	45971-8387	45971-8487	45971-8587
45	64.31/2.532	45971-9187	45971-9287	45971-9387	45971-9487	45971-9587

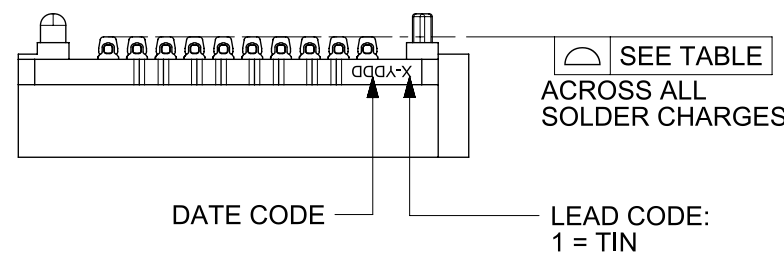
MATED STACK HEIGHTS  
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY

<p style="text-align: center;">SEE SHEET 1</p> <p style="font-size: 8px;">EC NO: UCP2015-1206 DRAWN BY: RWHIPPLE 2014/10/23 CHKD: DMORGAN 2014/10/23 APPR: SMILLER 2015/01/05</p>	<p style="text-align: center;">QUALITY SYMBOLS</p> <p style="font-size: 8px;">▽E=0 ▽E=0 ▽E=0</p>	<p style="font-size: 8px;">GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th>mm</th> <th>INCH</th> </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	±	±	<p style="font-size: 8px;">DIMENSION STYLE</p> <p style="text-align: center;">MM/IN</p>	<p style="font-size: 8px;">SCALE</p> <p style="text-align: center;">1:1</p>	<p style="font-size: 8px;">DESIGN UNITS</p> <p style="text-align: center;">INCH</p>	<p style="font-size: 8px;">THIRD ANGLE PROJECTION</p>	<p style="text-align: center; font-weight: bold;">SEARAY RECEPTACLE ASSEMBLY, TIN/LEAD 1.27/.050 CENTERS</p>
				mm	INCH																				
			4 PLACES	± ---	± ---																				
			3 PLACES	± ---	± .010																				
2 PLACES	± 0.25	± .015																							
1 PLACE	± 0.38	± ---																							
0 PLACE	±	±																							
DRAWN BY DATE RWHIPPLE 2014/10/23	CHECKED BY DATE DMORGAN 2014/10/24	APPROVED BY DATE SMILLER 2015/01/05	MATERIAL NO.	DOCUMENT NO.	SHEET NO.																				
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLES	RSD-45971-001	4 OF 4																
										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															

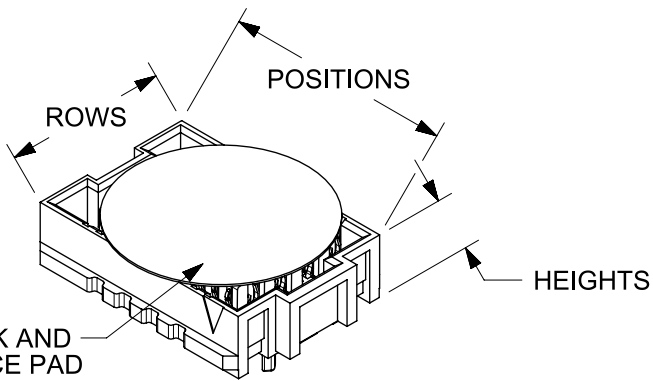


10 ROW  
10 POSITION  
SHOWN

- NOTES:
- MATERIALS: HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, BLACK  
CONTACTS: COPPER ALLOY  
SOLDER CHARGE: 95% TIN, 3.8% SILVER, 0.7% COPPER
  - FINISH: SELECT GOLD IN CONTACT AREA: 30 MICROINCH MINIMUM  
SELECT TIN IN TAIL, 50 MICROINCH MINIMUM  
OVERALL NICKEL UNDERPLATE
  - PRODUCT SPECIFICATION: PS-45970-001
  - PACKAGING SPECIFICATION: PK-45971-002 (TAPE AND REEL)
  - MATES WITH SEARAY PLUG ASSEMBLY SERIES 45970
  - APPLICATION SPECIFICATION: AS-45970-001
  - COSMETIC SPECIFICATION: PS-45499-002 CLASS B
  - PART STATUS: CONTACT MOLEX

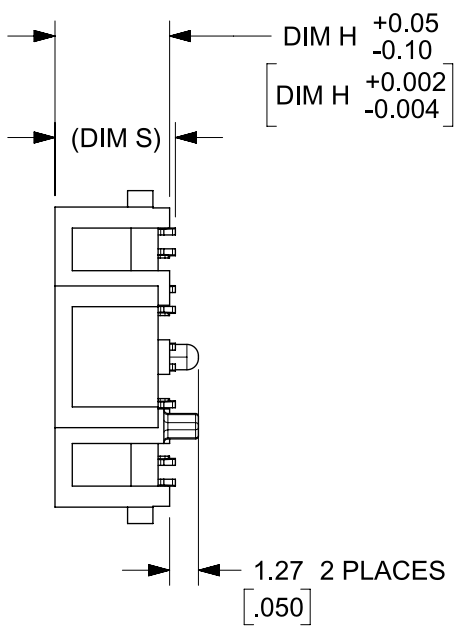
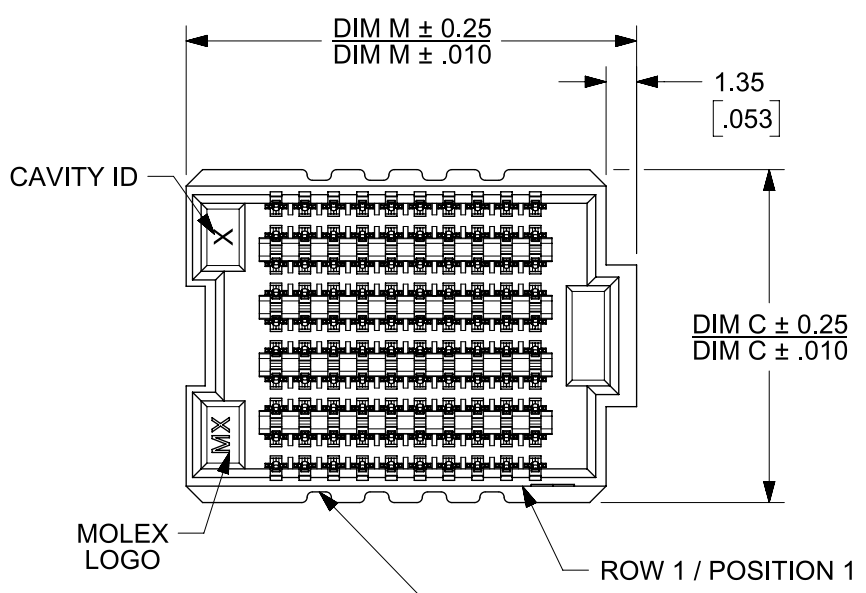


NOTE: THESE CODES MAY BE LOCATED ON EITHER SIDE OF THE HOUSING



POSITIONS	TOTAL NUMBER OF EDGE NOTCHES	
10	8	0.15/.006
15	14	
20	18	
25	24	
30	28	
35	34	0.23/.009
40	38	
45	44	
50	48	

SEE SHEET 2 FOR DIAMETERS



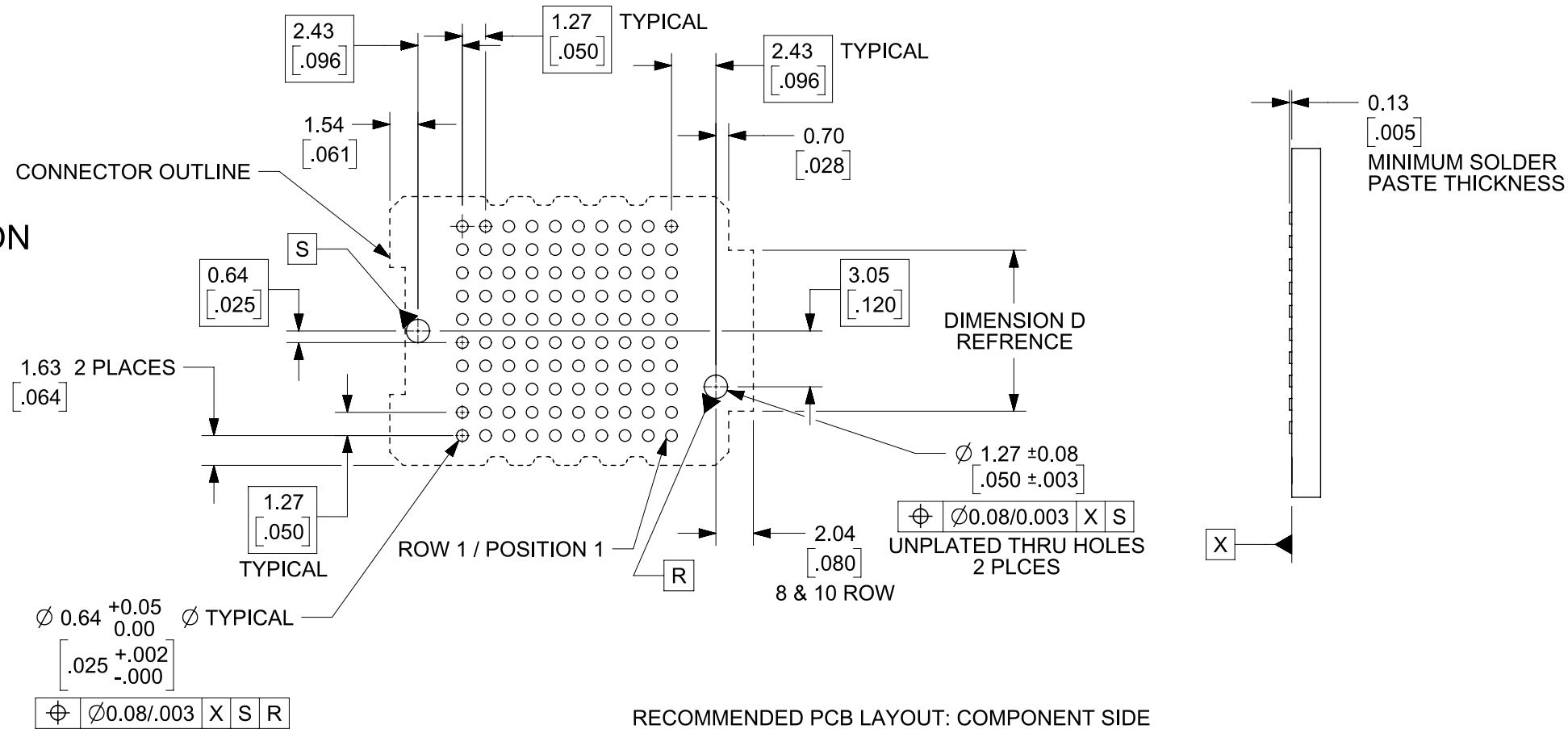
EDGE NOTCHES- SEE TABLE (THE NUMBER OF NOTCHES INCREASES AS THE NUMBER OF POSITIONS INCREASES)

SEE SHEET 3 FOR 8 ROW GEOMETRY & SEE SHEET 4 FOR 6 ROW GEOMETRY

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: MM/IN	SCALE: 3:1	CURRENT REV DESC: REVISED.		<b>molex</b>			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 644510					
ANGULAR TOL	± °	DRWN: HCGOH 2020/09/16		PRODUCT CUSTOMER DRAWING			
4 PLACES	±	CHK'D: JESSIECHUA 2020/09/17		DOCUMENT NUMBER: SD-45971-001			
3 PLACES	±	APPR: SHONG 2020/09/21		DOC TYPE: PSD			
2 PLACES	± 0.25	INITIAL REVISION:		DOC PART: 001			
1 PLACE	± 0.38	DRWN: TGREGORI 2005/05/17		REVISION: Y3			
0 PLACES	±	APPR: JCOMERCI 2010/03/05		SHEET NUMBER: 1 OF 5			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: B-SIZE	SERIES: 45971	MATERIAL NUMBER: SEE TABLES SHT 5	CUSTOMER: GENERAL MARKET	

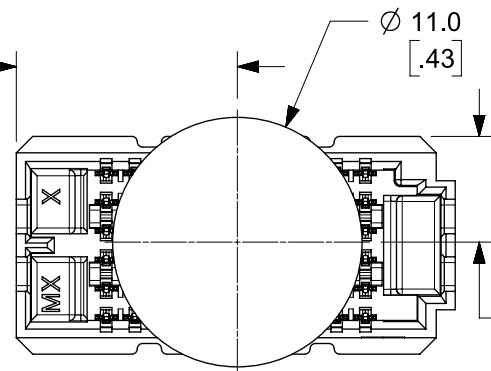
10 ROW  
10 POSITION  
SHOWN



NUMBER OF ROWS	DIMENSION D
6	SEE SHEET 4
8	SEE SHEET 3
10	6.24/.246

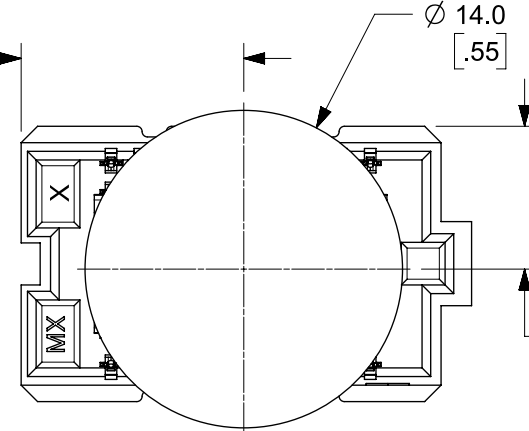
RECOMMENDED PCB LAYOUT: COMPONENT SIDE  
SOLDER SCREEN APERTURE SIZE: .890/.035 DIAMETER  
PCB THICKNESS: NA

DIM M/2 ±1.52  
DIM M/2 ±.060  
PAD  
LOCATION



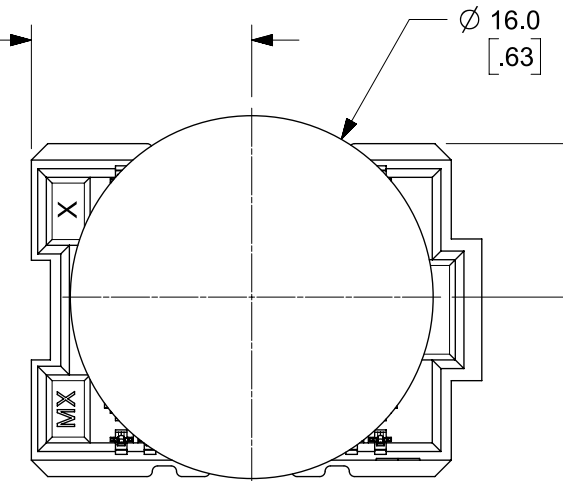
6 ROW OPTION

DIM M/2 ±1.52  
DIM M/2 ±.060  
PAD  
LOCATION



8 ROW OPTION

DIM M/2 ±1.52  
DIM M/2 ±0.60  
PAD  
LOCATION

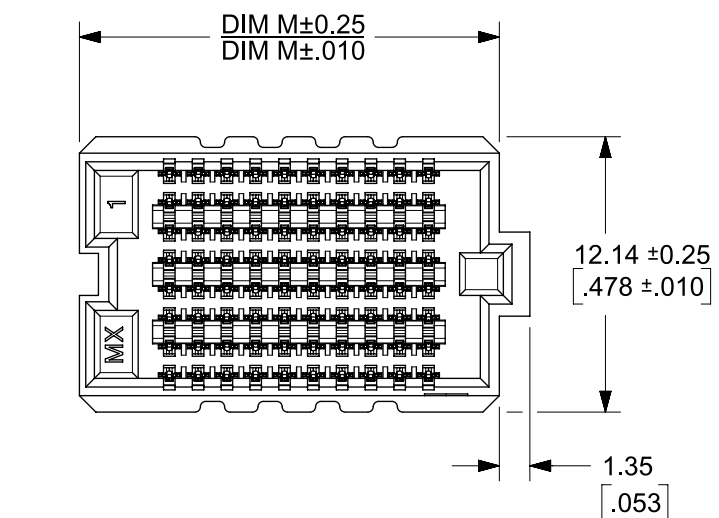


10 ROW OPTION

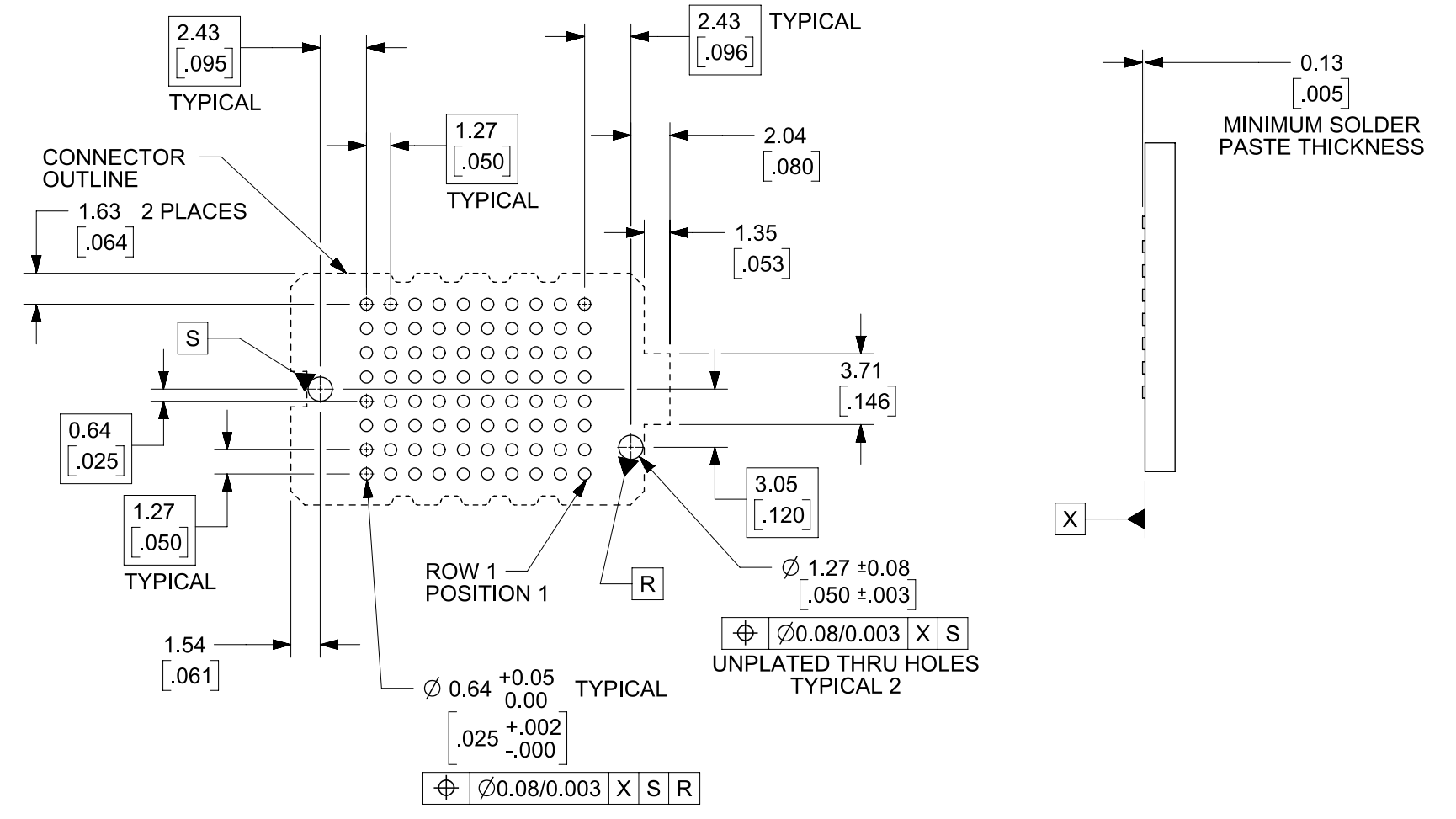
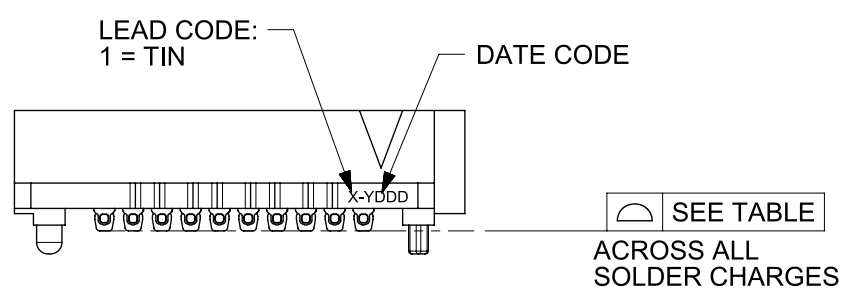
# PICK AND PLACE PAD DIAMETERS 10 POSITION VERSIONS SHOWN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS <b>MM/IN</b>	SCALE <b>3:1</b>	CURRENT REV DESC: REVISED.		<b>molex</b>		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 644510				
ANGULAR TOL ± °		DRWN: HCGOH	2020/09/16	PRODUCT CUSTOMER DRAWING		
4 PLACES ±		CHK'D: JESSIECHUA	2020/09/17	DOCUMENT NUMBER		
3 PLACES ±		APPR: SHONG	2020/09/21	SD-45971-001		
2 PLACES ± 0.25		INITIAL REVISION:		DOC TYPE	DOC PART	REVISION
1 PLACE ± 0.38		DRWN: TGREGORI	2005/05/17	PSD	001	Y3
0 PLACES ±		APPR: JCOMERCI	2010/03/05	SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	
		B-SIZE	45971	SEE TABLES SHT 5	GENERAL MARKET	2 OF 5

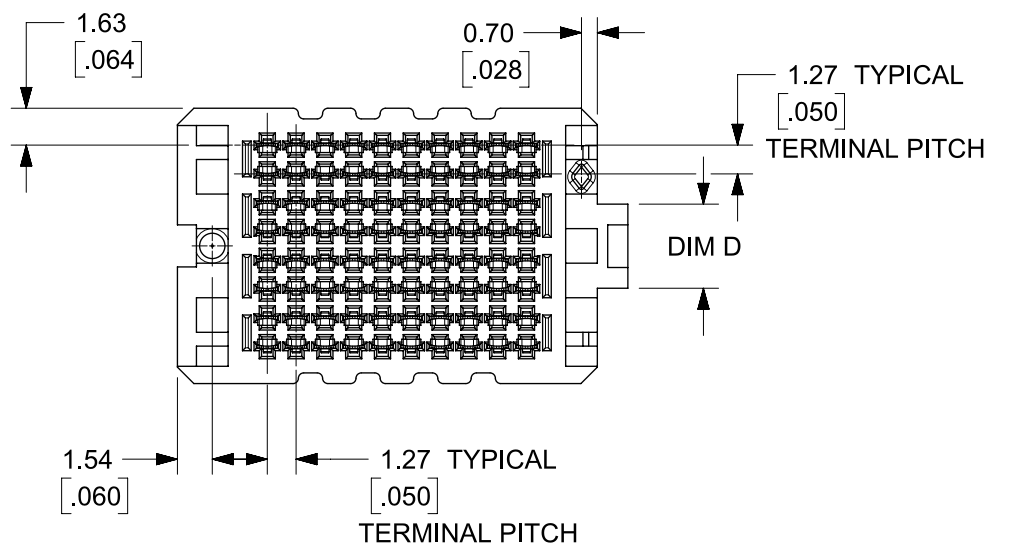
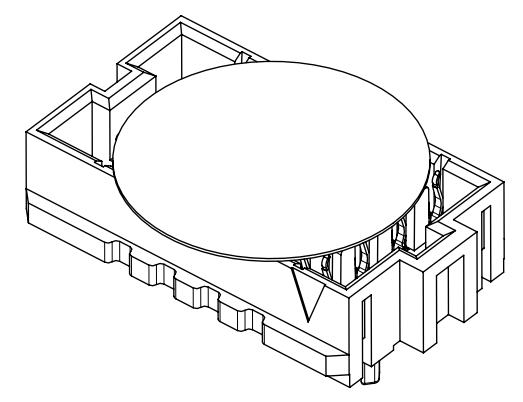


NOTE: THESE CODES MAY BE LOCATED ON EITHER SIDE OF THE HOUSING



RECOMMENDED PCB LAYOUT: COMPONENT SIDE  
 SOLDER SCREEN APERTURE SIZE: 0.089/0.035 DIAMETER  
 PCB THICKNESS: N/A

8 ROW 10 POSITION SHOWN

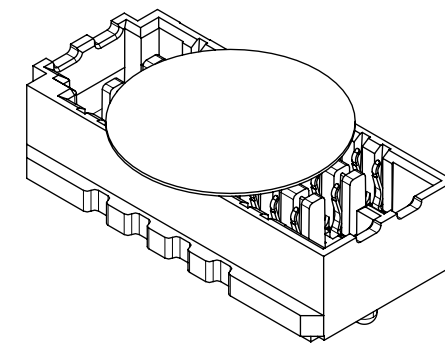
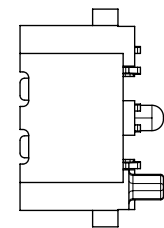
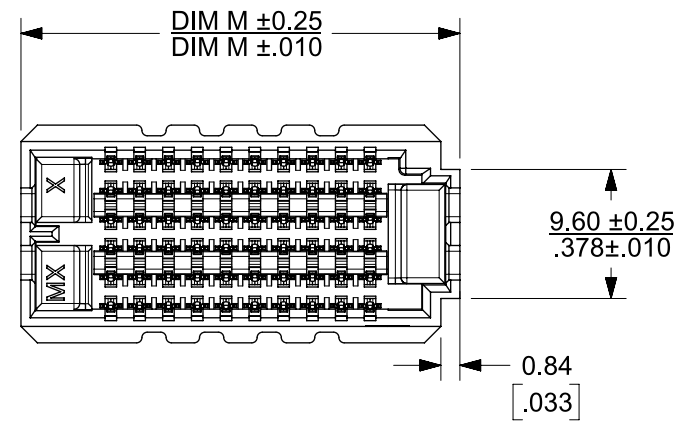
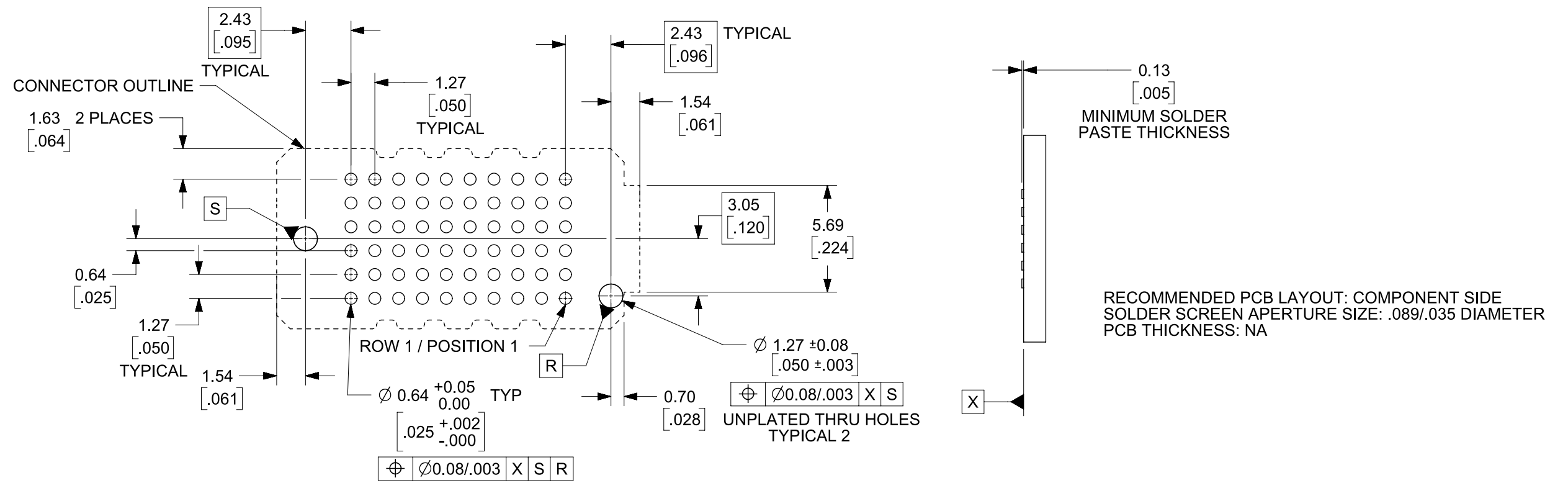


SEE SHEET 4 FOR 6 ROW GEOMETRY

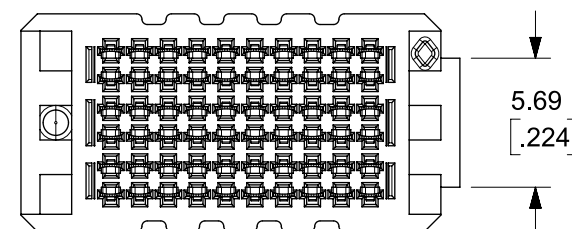
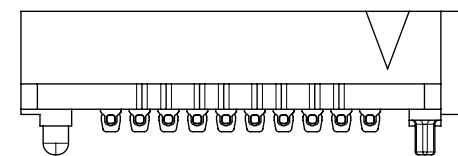
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISED.							
MM/IN		3:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 644510		2020/09/16		SEARAY		RECEPTACLE ASSEMBLY 1.27/.050 CENTERS	
ANGULAR TOL ± °				DRWN: HCGOH		2020/09/17		PRODUCT CUSTOMER DRAWING			
4 PLACES ±				CHK'D: JESSIECHUA		2020/09/17		DOCUMENT NUMBER		DOC TYPE   DOC PART   REVISION	
3 PLACES ±				APPR: SHONG		2020/09/21		SD-45971-001		PSD   001   Y3	
2 PLACES ± 0.25				INITIAL REVISION:				MATERIAL NUMBER		CUSTOMER	
1 PLACE ± 0.38				DRWN: TGREGORI		2005/05/17		SEE TABLES SHT 5		GENERAL MARKET	
0 PLACES ±				APPR: JCOMERCI		2010/03/05		SHEET NUMBER		3 OF 5	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		45971	

DOCUMENT STATUS	P1	RELEASE DATE	2020/09/21	09:22:38
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6 ROW  
10 POSITION



6 ROW  
10 POSITION  
SHOWN

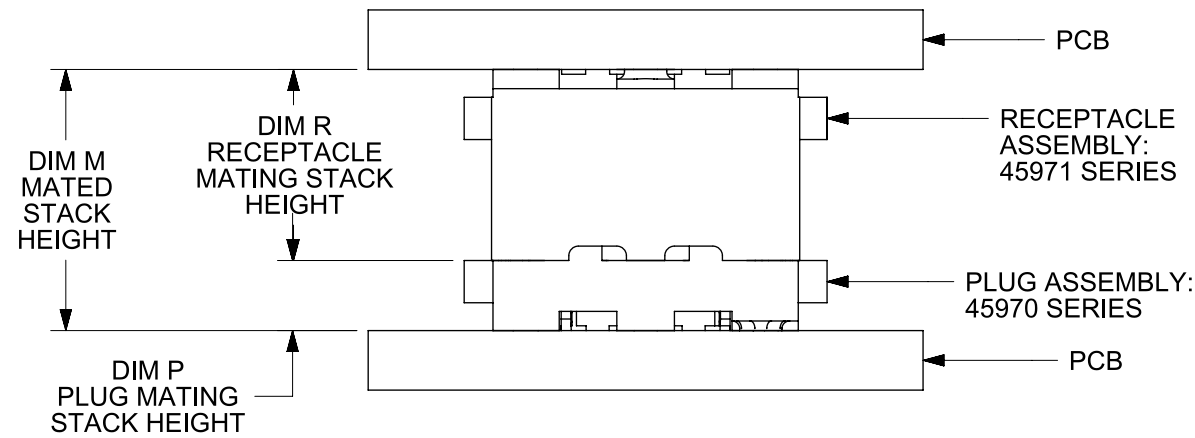


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISED.						<b>molex</b>	
MM/IN		3:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 644510		2020/09/16		SEARAY RECEPTACLE ASSEMBLY 1.27/.050 CENTERS			
ANGULAR TOL $\pm$ °				DRWN: HCGOH		2020/09/17		PRODUCT CUSTOMER DRAWING			
4 PLACES $\pm$				CHK'D: JESSIECHUA		2020/09/17		DOCUMENT NUMBER			
3 PLACES $\pm$				APPR: SHONG		2020/09/21		SD-45971-001			
2 PLACES $\pm 0.25$				INITIAL REVISION:				DOC TYPE		DOC PART	
1 PLACE $\pm 0.38$				DRWN: TGREGORI		2005/05/17		PSD		001	
0 PLACES $\pm$				APPR: JCOMERCI		2010/03/05		REVISION		Y3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				B-SIZE		45971		SEE TABLES SHT 5		GENERAL MARKET	
								SHEET NUMBER		4 OF 5	



ROWS: 6 DIMENSION C = 9.60/.378 DIMENSION D = 5.69/.224						
DIM R: (REF)		5.0 mm	6.0 mm	6.5 mm	7.5 mm	8.0 mm
DIM H:		5.05/.199	6.04/.238	6.66/.258	7.54/.297	8.05/.317
DIM S:		5.31/.209	6.30/.248	6.92/.272	7.80/.307	8.31/.327
POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
10	19.35/0.762	45971-1165	45971-1265	45971-1365	45971-1465	45971-1565
20	32.05/1.262	45971-2165	45971-2265	45971-2365	45971-2465	45971-2565
30	44.75/1.762	45971-3165	45971-3265	45971-3365	45971-3465	45971-3565
40	57.45/2.262	45971-4165	45971-4265	45971-4365	45971-4465	45971-4565
50	70.15/2.762	45971-5165	45971-5265	45971-5365	45971-5465	45971-5565
15	25.70/1.012	45971-6165	45971-6265	45971-6365	45971-6465	45971-6565
25	38.40/1.512	45971-7165	45971-7265	45971-7365	45971-7465	45971-7565
35	51.10/2.012	45971-8165	45971-8265	45971-8365	45971-8465	45971-8565
45	63.80/2.512	45971-9165	45971-9265	45971-9365	45971-9465	45971-9565

ROWS: 10 DIMENSION C = 14.68/.578 DIMENSION D = 6.24/.246						
DIM R: (REF)		5.0 mm	6.0 mm	6.5 mm	7.5 mm	8.0 mm
DIM H:		5.05/.199	6.04/.238	6.66/.258	7.54/.297	8.05/.317
DIM S:		5.31/.209	6.30/.248	6.92/.272	7.80/.307	8.31/.327
POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
10	19.88/0.784	45971-1115	45971-1215	45971-1315	45971-1415	45971-1515
20	32.58/1.284	45971-2115	45971-2215	45971-2315	45971-2415	45971-2515
30	45.28/1.784	45971-3115	45971-3215	45971-3315	45971-3415	45971-3515
40	57.98/2.284	45971-4115	45971-4215	45971-4315	45971-4415	45971-4515
50	70.68/2.784	45971-5115	45971-5215	45971-5315	45971-5415	45971-5515
15	26.23/1.034	45971-6115	45971-6215	45971-6315	45971-6415	45971-6515
25	38.93/1.534	45971-7115	45971-7215	45971-7315	45971-7415	45971-7515
35	51.63/2.034	45971-8115	45971-8215	45971-8315	45971-8415	45971-8515
45	64.33/2.534	45971-9115	45971-9215	45971-9315	45971-9415	45971-9515



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

ROWS: 8 DIMENSION C = 12.14/.478 DIMENSION D = 3.70/.146						
DIM R: (REF)		5.0 mm	6.0 mm	6.5 mm	7.5 mm	8.0 mm
DIM H:		5.05/.199	6.04/.238	6.66/.258	7.54/.297	8.05/.317
DIM S:		5.31/.209	6.30/.248	6.92/.272	7.80/.307	8.31/.327
POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
10	19.88/0.784	45971-1185	45971-1285	45971-1385	45971-1485	45971-1585
20	32.58/1.284	45971-2185	45971-2285	45971-2385	45971-2485	45971-2585
30	45.28/1.784	45971-3185	45971-3285	45971-3385	45971-3485	45971-3585
40	57.98/2.284	45971-4185	45971-4285	45971-4385	45971-4485	45971-4585
50	70.68/2.784	45971-5185	45971-5285	45971-5385	45971-5485	45971-5585
15	26.23/1.034	45971-6185	45971-6285	45971-6385	45971-6485	45971-6585
25	38.93/1.534	45971-7185	45971-7285	45971-7385	45971-7485	45971-7585
35	51.63/2.034	45971-8185	45971-8285	45971-8385	45971-8485	45971-8585
45	64.33/2.534	45971-9185	45971-9285	45971-9385	45971-9485	45971-9585

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

		DIM R RECEPTACLE STACK HEIGHT									
		5.0		6.0		6.5		7.5		8.0	
DIM P PLUG STACK HEIGHT	mm	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
	2.0	7.00	7.74	8.00	8.74	8.50	9.24	9.50	10.24	10.00	10.74
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	
2.5	7.50	8.24	8.50	9.24	9.00	9.74	10.00	10.74	10.50	11.24	
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	

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

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DIMENSION UNITS: MM/IN		SCALE: 3:1		CURRENT REV DESC: REVISED.						<b>molex</b>	
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± °		EC NO: 644510		2020/09/16		SEARAY			
4 PLACES ±		3 PLACES ±		2 PLACES ± 0.25		1 PLACE ± 0.38		0 PLACES ±		RECEPTACLE ASSEMBLY 1.27/.050 CENTERS	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: B-SIZE		SERIES: 45971		MATERIAL NUMBER: SEE TABLES SHT 5		CUSTOMER: GENERAL MARKET	
DOCUMENT STATUS: P1		RELEASE DATE: 2020/09/21 09:22:38		DRWN: HCGOH		2020/09/17		CHK'D: JESSIECHUA		2020/09/17	
				APPR: SHONG		2020/09/21		INITIAL REVISION:		PRODUCT CUSTOMER DRAWING	
				APPR: JCOMERCI		2010/03/05		DOCUMENT NUMBER: SD-45971-001		DOC TYPE: PSD	
								DOC PART: 001		REVISION: Y3	
								SHEET NUMBER: 5 OF 5			