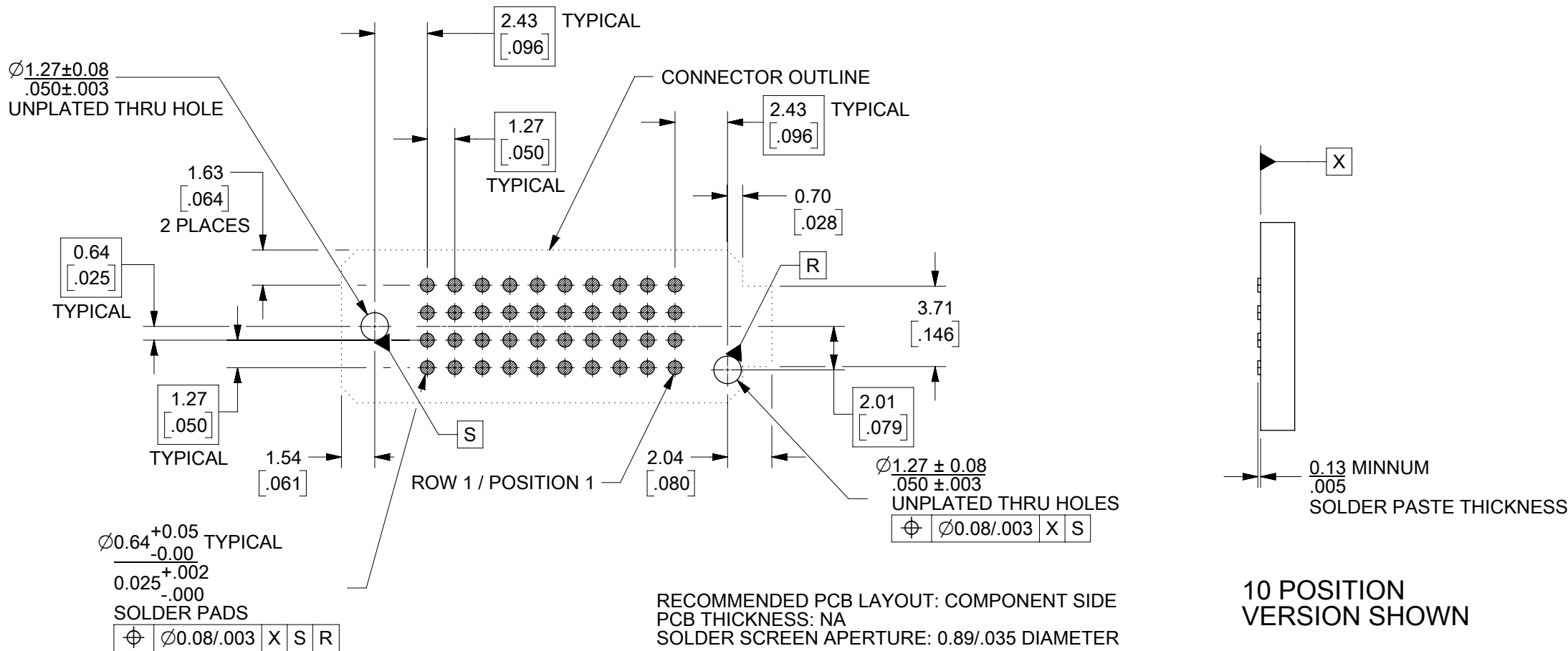


- NOTES:
1. MATERIALS: HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: 95.5% TIN, 3.8% SILVER, 0.7% COPPER
 2. FINISHES: 30 MICROINCH MINIMUM GOLD IN THE CONTACT AREA,
50 MICROINCH MINIMUM TIN IN THE TAIL AREA,
OVERALL NICKEL UNDERPLATE
 3. PRODUCT 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/.784	0.15/.006	8
15	26.23/1.034	0.15/.006	14
20	32.58/1.284	0.15/.006	18
25	38.93/1.534	0.15/.006	24
30	45.28/1.784	0.15/.006	28
35	51.63/2.034	0.15/.006	34
40	57.98/2.284	0.15/.006	38
45	64.33/2.534	0.23/.009	44
50	70.68/2.784	0.23/.009	48

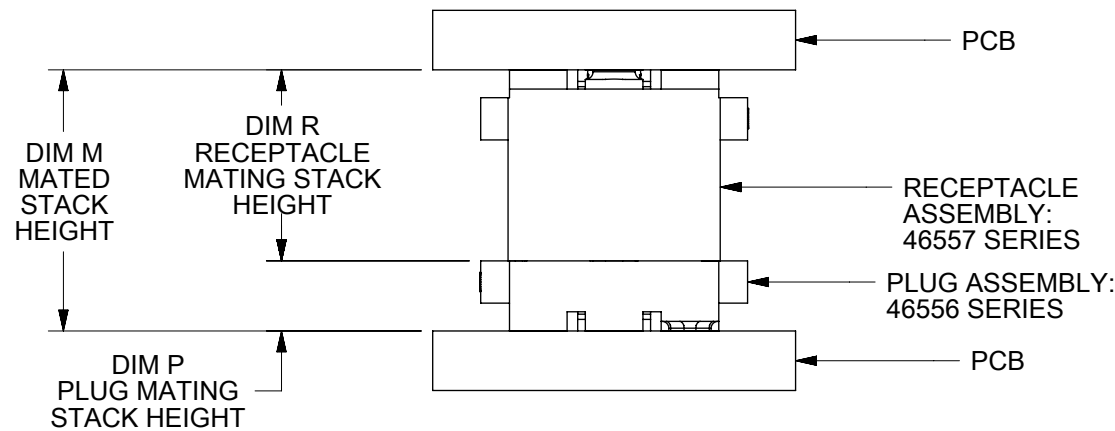
10 POSITION VERSION
SHOWN IN THESE VIEWS

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 SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH				
MM/IN		4:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 712067							
ANGULAR TOL ± °				DRWN: CLHOE01 2022/03/25							
4 PLACES		±		CHK'D: HCGOH 2022/06/27			PRODUCT CUSTOMER DRAWING				
3 PLACES		±		APPR: SHONG 2022/07/14							
2 PLACES		± 0.25		INITIAL REVISION:			DOCUMENT NUMBER				
1 PLACE		± 0.38		DRWN: TGREGORI 2007/05/21			SD-46557-001				
0 PLACES		±		APPR: JCOMERCI 2010/03/05			DOC TYPE		DOC PART	REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
				B-SIZE		46557		SEE TABLE SHT 3		GENERAL MARKET	1 OF 3



DIM P PLUG STACK HEIGHT		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
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	

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



STACK HEIGHTS
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:	
MM/IN	4:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL	± °		
4 PLACES	±		
3 PLACES	±		
2 PLACES	± 0.25		
1 PLACE	± 0.38		
0 PLACES	±		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
		B-SIZE	46557

EC NO: 712067
DRWN: CLHOE01
CHK'D: HCGOH
APPR: SHONG

2022/03/25
2022/06/27
2022/07/14

INITIAL REVISION:
DRWN: TGREGORI
APPR: JCOMERCI

2007/05/21
2010/03/05

molex

SEARAY SLIM (4 ROW)
RECEPTACLE ASSEMBLY 1.27/.050 PITCH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-46557-001	PSD	001	R

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE SHT 3	GENERAL MARKET	2 OF 3

DIM R: (REF)	5.0 mm	6.0 mm	6.5 mm	7.5 mm	8.0 mm
DIM H:	5.05/.199	6.05/.238	6.55/.258	7.54/.297	8.05/.317
POSITIONS	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
10	46557-1145	46557-1245	46557-1345	46557-1445	46557-1545
20	46557-2145	46557-2245	46557-2345	46557-2445	46557-2545
30	46557-3145	46557-3245	46557-3345	46557-3445	46557-3545
40	46557-4145	46557-4245	46557-4345	46557-4445	46557-4545
50	46557-5145	46557-5245	46557-5345	46557-5445	46557-5545
15	46557-6145	46557-6245	46557-6345	46557-6445	46557-6545
25	46557-7145	46557-7245	46557-7345	46557-7445	46557-7545
35	46557-8145	46557-8245	46557-8345	46557-8445	46557-8545
45	46557-9145	46557-9245	46557-9345	46557-9445	46557-9545

MATING STACK HEIGHTS (DIMENSION R)
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 SEARAY SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH			
MM/IN	1:1					
GENERAL TOLERANCES (UNLESS SPECIFIED)						
ANGULAR TOL	± °					
4 PLACES	±					
3 PLACES	±	EC NO: 712067 DRWN: CLHOE01 2022/03/25 CHK'D: HCGOH 2022/06/27 APPR: SHONG 2022/07/14	PRODUCT CUSTOMER DRAWING			
2 PLACES	± 0.25					
1 PLACE	± 0.38					
0 PLACES	±	INITIAL REVISION: DRWN: TGREGORI 2007/05/21 APPR: JCOMERCI 2010/03/05	DOCUMENT NUMBER SD-46557-001			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING B-SIZE	SERIES 46557	MATERIAL NUMBER SEE TABLE SHT 3	CUSTOMER GENERAL MARKET	SHEET NUMBER 3 OF 3

9

8

7

6

5

4

3

2

1