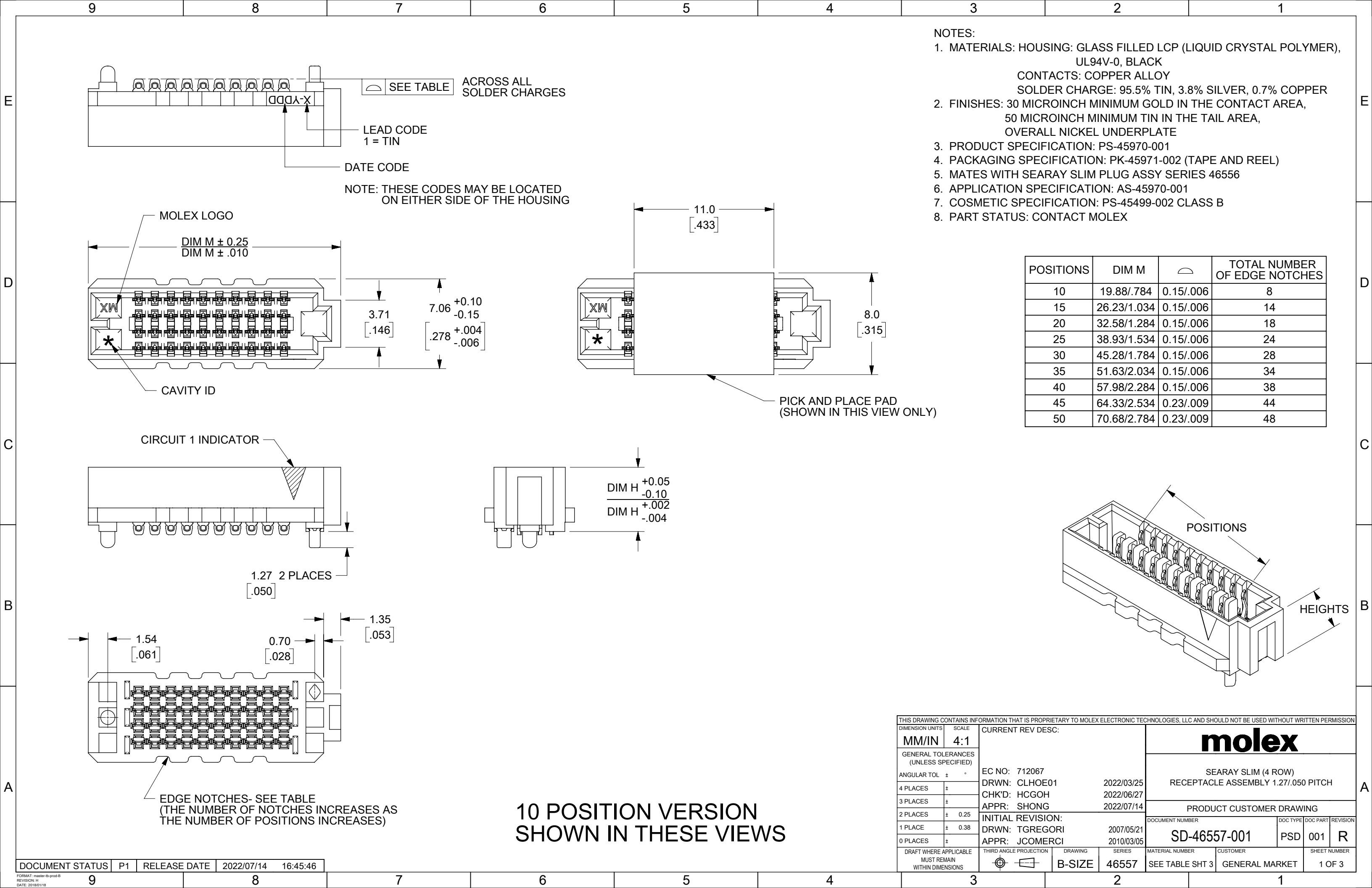
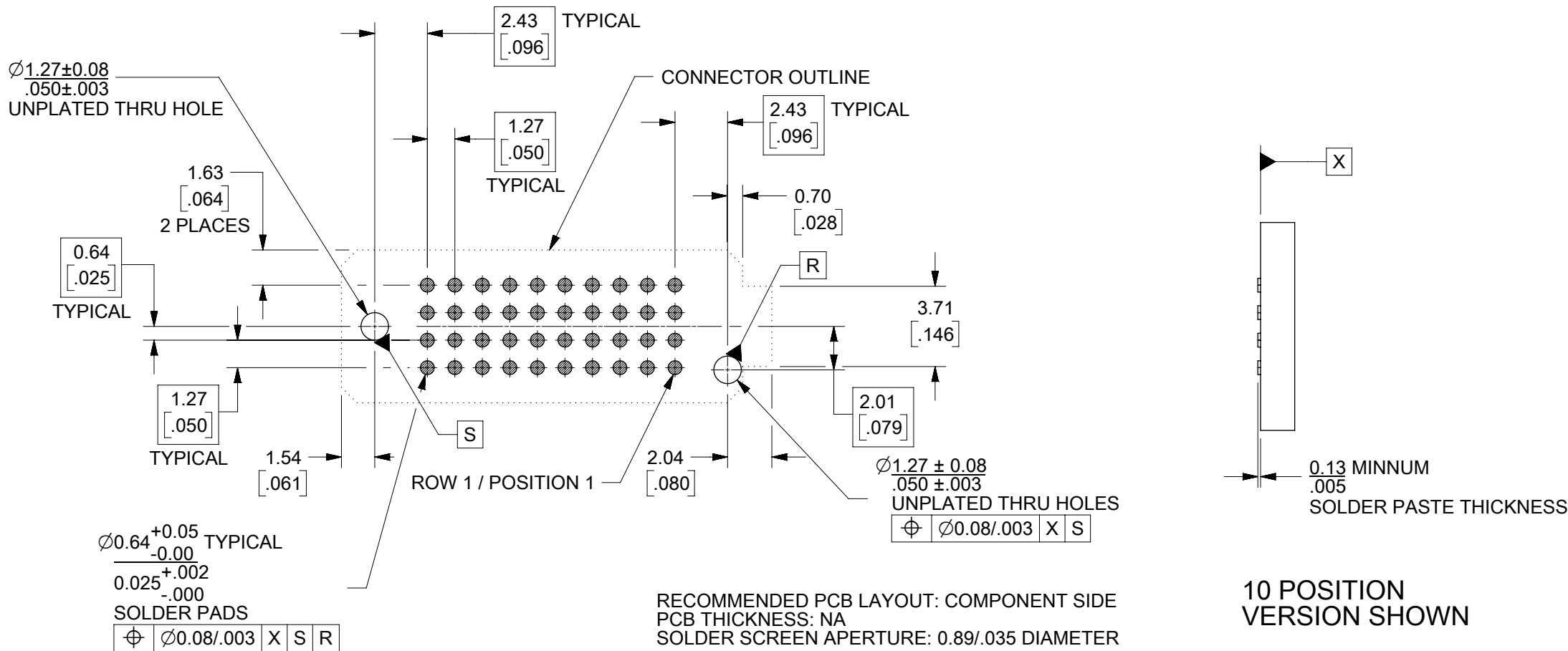




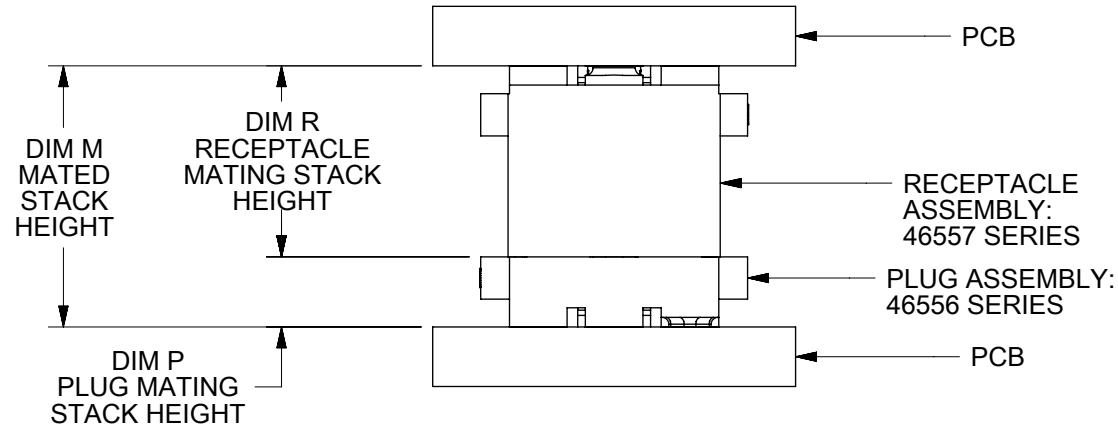
- NOTES:
1. MATERIALS: HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: 95.5% TIN, 3.8% SILVER, 0.7% COPPER
 2. FINISHES: 30 MICROINCH MINIMUM GOLD IN THE CONTACT AREA, 50 MICROINCH MINIMUM TIN IN THE TAIL AREA, OVERALL NICKEL UNDERPLATE
 3. PRODUCT 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

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)									
ANGULAR TOL ± °									
4 PLACES		±		EC NO: 712067		2022/03/25		PRODUCT CUSTOMER DRAWING	
3 PLACES		±		DRWN: CLHOE01		2022/06/27			
2 PLACES		± 0.25		CHK'D: HCGOH		2022/07/14			
1 PLACE		± 0.38		APPR: SHONG		2022/07/14		DOCUMENT NUMBER	
0 PLACES		±		INITIAL REVISION:		2007/05/21		SD-46557-001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOC TYPE	
								PSD	
				B-SIZE		46557		DOC PART	
								001	
								REVISION	
								R	
				B-SIZE		46557		SHEET NUMBER	
								1 OF 3	
								GENERAL MARKET	



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	mm	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



STACK HEIGHTS
GIVEN IN MILLIMETERS (mm) FOR REFERENCE ONLY

MATED 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:				molex								
MM/IN		4:1														
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 712067 DRWN: CLHOE01 2022/03/25 CHK'D: HCGOH 2022/06/27 APPR: SHONG 2022/07/14				SEARAY SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH								
ANGULAR TOL ± °																
4 PLACES		±						INITIAL REVISION: DRWN: TGREGORI 2007/05/21 APPR: JCOMERCI 2010/03/05				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
3 PLACES		±										SD-46557-001		PSD	001	R
2 PLACES		± 0.25														
1 PLACE		± 0.38														
0 PLACES		±														
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		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

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DIMENSION UNITS

MM/IN

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL

± °

4 PLACES

±

3 PLACES

±

2 PLACES

± 0.25

1 PLACE

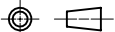
± 0.38

0 PLACES

±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION



DRAWING

B-SIZE

SERIES

46557

CURRENT REV DESC:

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

DOCUMENT NUMBER

SD-46557-001

DOC TYPE

PSD

DOC PART

001

REVISION

R

MATERIAL NUMBER

SEE TABLE SHT 3

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 3

molex

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

PRODUCT CUSTOMER DRAWING

9

8

7

6

5

4

3

2

1