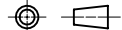
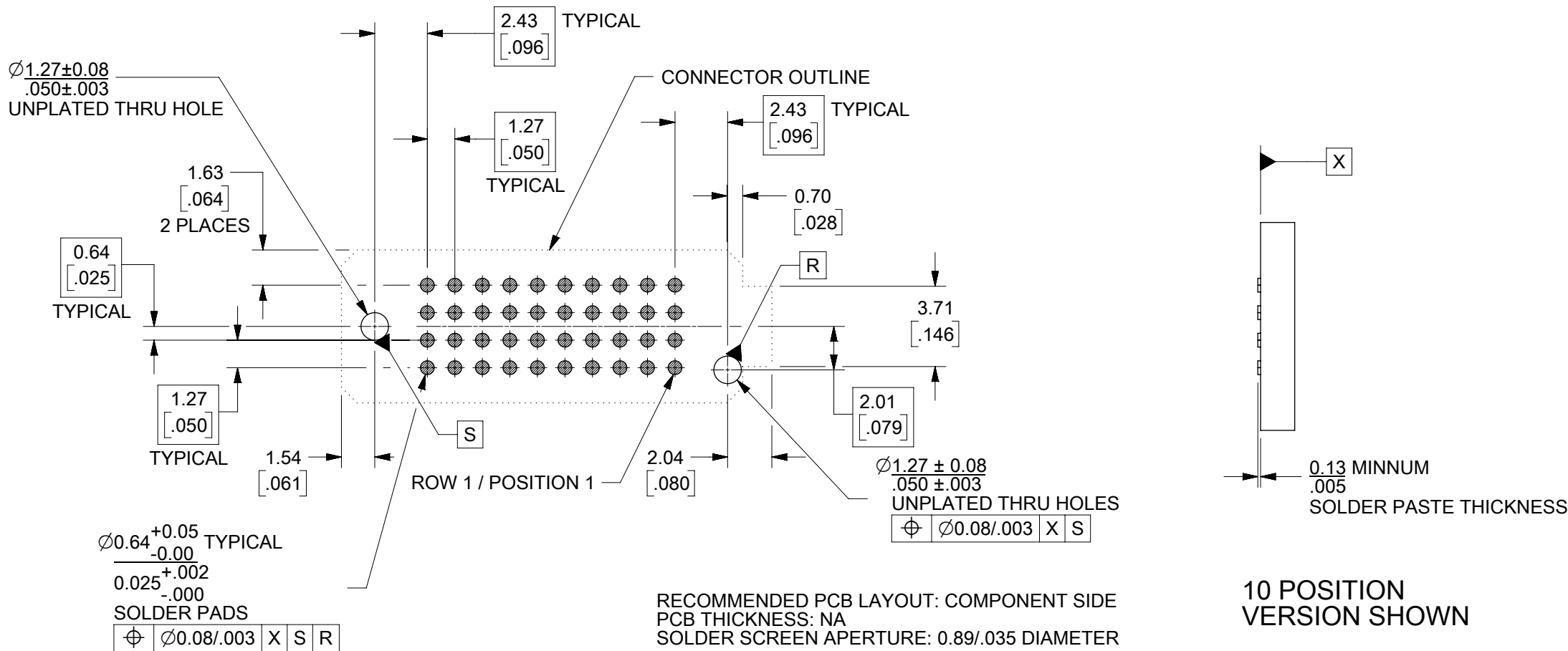


- NOTES:
1. MATERIALS: HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, BLACK  
CONTACTS: COPPER ALLOY  
SOLDER CHARGE: 95.5% TIN, 3.8% SILVER, 0.7% COPPER
  2. FINISHES: 30 MICROINCH MINIMUM GOLD IN THE CONTACT AREA,  
50 MICROINCH MINIMUM TIN IN THE TAIL AREA,  
OVERALL NICKEL UNDERPLATE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

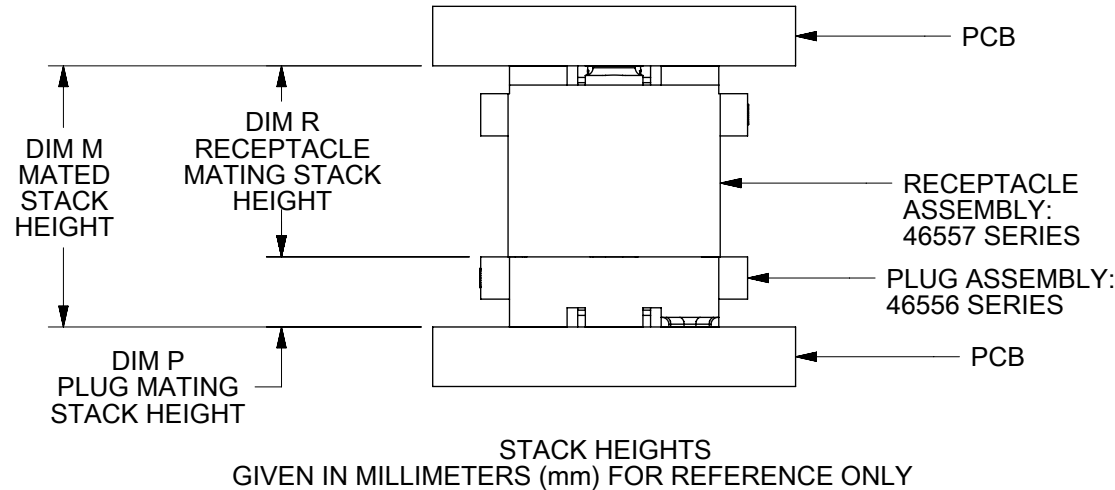
| POSITIONS | DIM M       |  | TOTAL NUMBER OF EDGE NOTCHES |
|-----------|-------------|-------------------------------------------------------------------------------------|------------------------------|
| 10        | 19.88/1.784 | 0.15/.006                                                                           | 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:                                                                              |         |        |                 |  |          |              |          |
| MM/IN                                                                                                                                         | 4:1    | EC NO: 712067<br>DRWN: CLHOE01 2022/03/25<br>CHK'D: HCGOH 2022/06/27<br>APPR: SHONG 2022/07/14 |         |        |                 | SEARAY SLIM (4 ROW)<br>RECEPTACLE ASSEMBLY 1.27/.050 PITCH                            |          |              |          |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |        | INITIAL REVISION:                                                                              |         |        |                 | PRODUCT CUSTOMER DRAWING                                                              |          |              |          |
| ANGULAR TOL                                                                                                                                   | ± °    | DRWN: TGREGORI 2007/05/21<br>APPR: JCOMERCI 2010/03/05                                         |         |        |                 | DOCUMENT NUMBER                                                                       | DOC TYPE | DOC PART     | REVISION |
| 4 PLACES                                                                                                                                      | ±      |                                                                                                |         |        |                 | SD-46557-001                                                                          | PSD      | 001          | R        |
| 3 PLACES                                                                                                                                      | ±      |                                                                                                |         |        |                 |                                                                                       |          |              |          |
| 2 PLACES                                                                                                                                      | ± 0.25 |                                                                                                |         |        |                 |                                                                                       |          |              |          |
| 1 PLACE                                                                                                                                       | ± 0.38 |                                                                                                |         |        |                 |                                                                                       |          |              |          |
| 0 PLACES                                                                                                                                      | ±      |                                                                                                |         |        |                 |                                                                                       |          |              |          |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>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<br>PLUG STACK HEIGHT |       | DIM R<br>RECEPTACLE STACK HEIGHT |              |                         |              |                         |              |                         |              |                         |              |
|----------------------------|-------|----------------------------------|--------------|-------------------------|--------------|-------------------------|--------------|-------------------------|--------------|-------------------------|--------------|
|                            |       | 5.0                              |              | 6.0                     |              | 6.5                     |              | 7.5                     |              | 8.0                     |              |
|                            |       | DIM M<br>FULLY<br>MATED          | DIM M<br>MAX | DIM M<br>FULLY<br>MATED | DIM M<br>MAX | DIM M<br>FULLY<br>MATED | DIM M<br>MAX | DIM M<br>FULLY<br>MATED | DIM M<br>MAX | DIM M<br>FULLY<br>MATED | DIM M<br>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

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)                |        | EC NO: 712067<br>DRWN: CLHOE01<br>CHK'D: HCGOH<br>APPR: SHONG<br>INITIAL REVISION:<br>DRWN: TGREGORI<br>APPR: JCOMERCI | 2022/03/25<br>2022/06/27<br>2022/07/14<br>2007/05/21<br>2010/03/05 |          |                 |                |              |
| ANGULAR TOL                                          | ± °    |                                                                                                                        |                                                                    |          |                 |                |              |
| 4 PLACES                                             | ±      |                                                                                                                        |                                                                    |          |                 |                |              |
| 3 PLACES                                             | ±      |                                                                                                                        |                                                                    |          |                 |                |              |
| 2 PLACES                                             | ± 0.25 |                                                                                                                        |                                                                    |          |                 |                |              |
| 1 PLACE                                              | ± 0.38 | DOCUMENT NUMBER                                                                                                        |                                                                    | DOC TYPE | DOC PART        | REVISION       |              |
| 0 PLACES                                             | ±      | SD-46557-001                                                                                                           |                                                                    | PSD      | 001             | R              |              |
| 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       |

**molex**

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

PRODUCT CUSTOMER DRAWING

|              |             |             |             |             |             |
|--------------|-------------|-------------|-------------|-------------|-------------|
| 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

MM/IN

SCALE

1:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL

± °

4 PLACES

±

3 PLACES

±

2 PLACES

± 0.25

1 PLACE

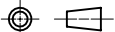
± 0.38

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

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

PRODUCT CUSTOMER DRAWING

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

DOCUMENT NUMBER

SD-46557-001

DOC TYPE

PSD

DOC PART

001

REVISION

R

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

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE SHT 3

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 3