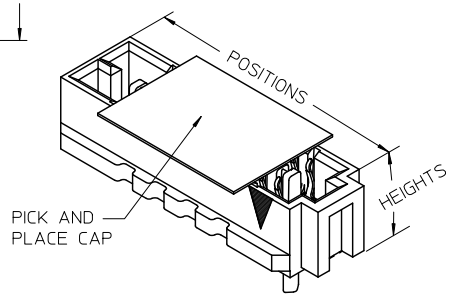
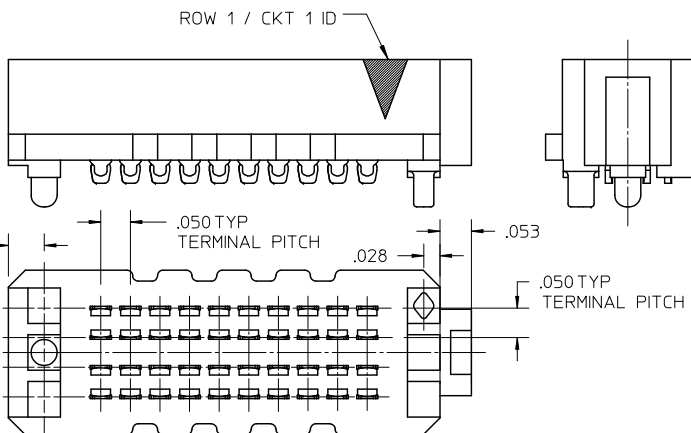
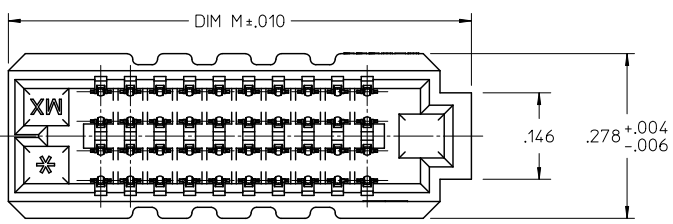


- NOTES:
- MATERIALS: HOUSING- LCP, UL94V-0, BLACK  
CONTACTS- COPPER ALLOY  
SOLDER CHARGE: SEE CHART
  - FINISH: ALL OPTIONS - SELECT GOLD IN CONTACT AREA: 30 MI MIN  
OPTIONS 5.0: SELECT GOLD FLASH IN TAIL, 7 MI MIN  
OPTIONS 6.0 THRU 8.0: SELECT TIN IN TAIL, 100 MI MIN  
ALL OPTIONS - OVER NICKEL
  - PRODUCT SPECIFICATION: PS-45970-001
  - PACKAGING SPECIFICATION: PK-45970-002
  - MATES WITH SEARAY SLIM PLUG ASSY 46556
  - APPLICATION SPECIFICATION: AS-45970-001
  - COSMETIC SPECIFICATION: PS-45499-002 CLASS B
  - PART STATUS: CONTACT MOLEX



| POSITION | DIM M | $\frac{\text{D}}{\text{C}}$ |
|----------|-------|-----------------------------|
| 10       | .782  | .006                        |
| 15       | 1.032 | .006                        |
| 20       | 1.282 | .006                        |
| 25       | 1.532 | .006                        |
| 30       | 1.782 | .006                        |
| 35       | 2.032 | .006                        |
| 40       | 2.282 | .006                        |
| 45       | 2.532 | .009                        |
| 50       | 2.782 | .009                        |

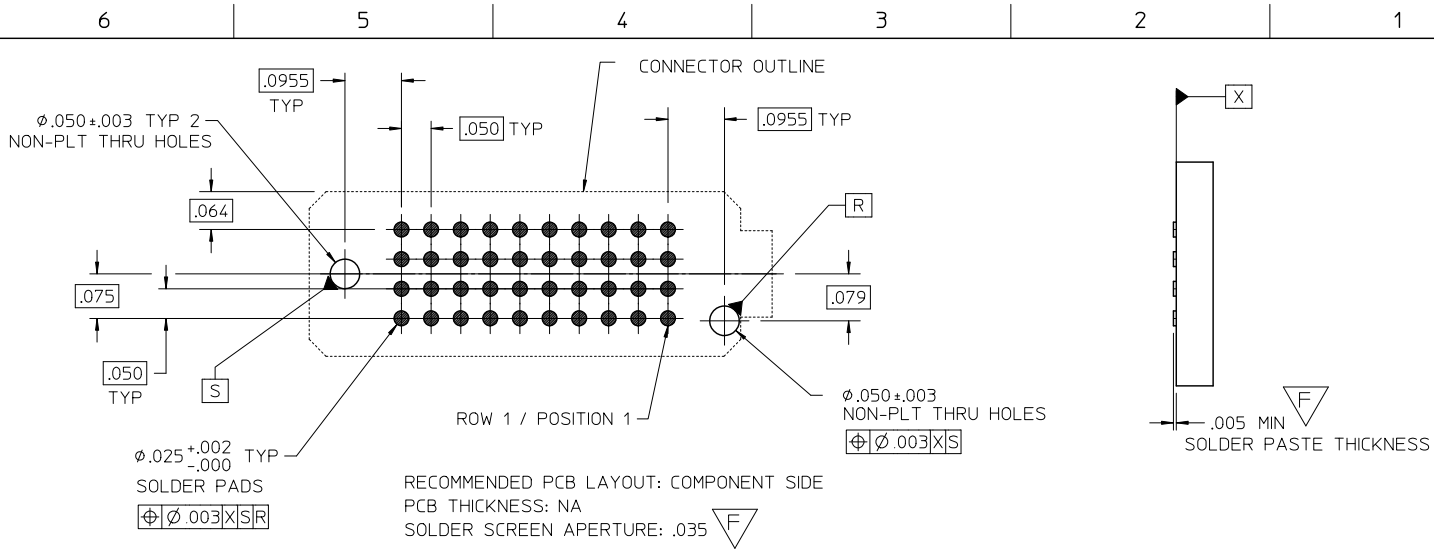
|                     |             |
|---------------------|-------------|
| ADDED SOLDER COMP   | DESCRIPTION |
| EC NO: UCP2011-2778 | 2011/04/05  |
| DRWN: TGREGOR I     | 2011/04/05  |
| CHKD:               |             |
| APPR: JCOMERC I     | 2011/04/06  |
| REV                 |             |

|  |       |
|--|-------|
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |       |
| mm   | INCH  |
| 4 PLACES ±---  | ±---  |
| 3 PLACES ±---  | ±.005 |
| 2 PLACES ±---  | ±---  |
| 1 PLACE ±---   | ±---  |
| ANGULAR ±---°  |       |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |       |

|                           |            |
|---------------------------|------------|
| DIMENSION STYLE INCH ONLY |            |
| DRAWN BY                  | DATE       |
| TGREGOR I                 | 2007/05/21 |
| CHECKED BY                | DATE       |
| JCOMERC I                 | 2007/05/21 |
| APPROVED BY               | DATE       |
| JCOMERC I                 | 2010/03/05 |
| MATERIAL NO.              |            |
| SEE CHART                 |            |
| SIZE                      |            |
| A                         |            |

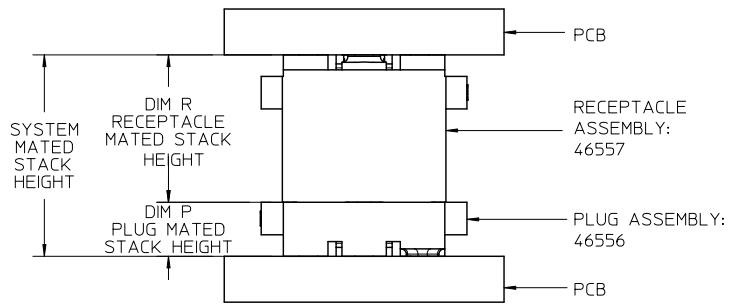
|  |                   |                        |
|--|-------------------|------------------------|
| SCALE 4:1                                  | DESIGN UNITS INCH | THIRD ANGLE PROJECTION |
| TITLE                                      |                   |                        |
| SEARAY SLIM RECEPTACLE ASSEMBLY .050 PITCH |                   |                        |
| MOLEX INCORPORATED                         |                   |                        |
| DOCUMENT NO.                               | SHEET NO.         |                        |
| SD-46557-001                               | 1 OF 4            |                        |

tb\_frame\_A\_P\_AM\_T  
Rev. E 2006/04/15



| DIM P<br>PLUG STACK HEIGHT | DIM R<br>RECEPTACLE STACK HEIGHT |      |      |      |      |      |
|----------------------------|----------------------------------|------|------|------|------|------|
|                            | MM                               | 5.0  | 6.0  | 6.5  | 7.5  | 8.0  |
| 2.0                        | 7.0                              | 8.0  | 8.5  | 9.5  | 10.0 | 11.0 |
| 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 |

STACK HEIGHTS GIVEN IN MM FOR REF ONLY



|   |                                       |           |                              |                          |   |   |                        |  |
|---|---------------------------------------|-----------|------------------------------|--------------------------|---|---|------------------------|--|
| SEE SHEET 1<br>EC NO: UCP2011-2778<br>DRWN: GREGORI 2011/04/05<br>CHKD:<br>APPR: JCOMERC 2011/04/06<br>DESCRIPTION<br>REV | GENERAL TOLERANCES (UNLESS SPECIFIED) |           | DIMENSION STYLE<br>INCH ONLY |                          | SCALE<br>4:1  | DESIGN UNITS<br>INCH                                | THIRD ANGLE PROJECTION |  |
|   |                                       | mm        | INCH                         | DRAWN BY<br>TGREGORI     | DATE<br>2007/05/21  | TITLE<br>SEARAY SLIM RECEPTACLE ASSEMBLY .050 PITCH |                        |  |
|   | 4 PLACES                              | ±---      | ±---                         | CHECKED BY<br>JCOMERC I  | DATE<br>2007/05/21  | MATERIAL NO. SD-46557-001                           |                        |  |
|   | 3 PLACES                              | ±---      | ±.005                        | APPROVED BY<br>JCOMERC I | DATE<br>2010/03/05  | DOCUMENT NO. SD-46557-001                           |                        |  |
|   | 2 PLACES                              | ±---      | ±---                         | MATERIAL NO. SEE CHART   |   | SHEET NO. 2 OF 4                                    |                        |  |
| 1 PLACE   | ±---                                  | ±---      | ANGULAR ±---°                |                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |                        |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                                       | SIZE<br>A |                              |                          |   |   |                        |  |

fb\_frame\_A\_P\_AM\_1  
Rev. E 2006/04/15

|                       | 6           | 5           | 4           | 3           | 2           | 1                                      |
|-----------------------|-------------|-------------|-------------|-------------|-------------|--|
| DIM R: (REF)          | 5.0 MM      | 6.0 MM      | 6.5 MM      | 7.5 MM      | 8.0 MM      | STACK HEIGHTS GIVEN IN MM FOR REF ONLY |
| DIM R: HOUSING HEIGHT | .199        | .238        | .258        | .297        | .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  |  |

NOTES:

- THIS SHEET CONTAINS THE FOLLOWING OPTIONS  
SOLDER CHARGE: TIN, 95.5/ Ag 3.8/ Cu 0.7

|  |                                       |      |  |                       |   |  |                        |
|--|---------------------------------------|------|--|-----------------------|---|--|------------------------|
| SEE SHEET 1<br>EC NO: UCP2011-2778<br>DRAWN: JGREGORI 2011/04/05<br>CHKD:<br>APPR: JCOMERC I 2011/04/06<br>REV DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) |      | DIMENSION STYLE INCH ONLY                            |                       | SCALE 1:1   | DESIGN UNITS INCH  | THIRD ANGLE PROJECTION |
|  | 4 PLACES                              | ±--- | ±---   | DRAWN BY JGREGORI     | DATE 2007/05/21   | TITLE<br>SEARAY SLIM RECEPTACLE ASSEMBLY .050 PITCH              |                        |
|  | 3 PLACES                              | ±--- | ±.005  | CHECKED BY JCOMERC I  | DATE 2007/05/21   |  |                        |
|  | 2 PLACES                              | ±--- | ±---   | APPROVED BY JCOMERC I | DATE 2010/03/05   | MOLEX INCORPORATED<br>DOCUMENT NO. SD-46557-001 SHEET NO. 3 OF 4 |                        |
| 1 PLACE  | ±---                                  | ±--- | MATERIAL NO. SEE CHART                               |                       |   |  |                        |
| ANGULAR ±---°  |                                       |      | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                        |

fb\_frame\_A\_P\_AM\_T  
Rev. E 2006/04/15

5

4

3

2

1

|                       | 6           | 5           | 4           | 3           | 2           | 1                                      |
|-----------------------|-------------|-------------|-------------|-------------|-------------|--|
| DIM R: (REF)          | 5.0 MM      | 6.0 MM      | 6.5 MM      | 7.5 MM      | 8.0 MM      | STACK HEIGHTS GIVEN IN MM FOR REF ONLY |
| DIM R: HOUSING HEIGHT | .199        | .238        | .258        | .297        | .317        |  |
| POSITIONS             | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO | MATERIAL NO |  |
| 10                    | 46557-1147  | 46557-1247  | 46557-1347  | 46557-1447  | 46557-1547  |  |
| 20                    | 46557-2147  | 46557-2247  | 46557-2347  | 46557-2447  | 46557-2547  |  |
| 30                    | 46557-3147  | 46557-3247  | 46557-3347  | 46557-3447  | 46557-3547  |  |
| 40                    | 46557-4147  | 46557-4247  | 46557-4347  | 46557-4447  | 46557-4547  |  |
| 50                    | 46557-5147  | 46557-5247  | 46557-5347  | 46557-5447  | 46557-5547  |  |
| 15                    | 46557-6147  | 46557-6247  | 46557-6347  | 46557-6447  | 46557-6547  |  |
| 25                    | 46557-7147  | 46557-7247  | 46557-7347  | 46557-7447  | 46557-7547  |  |
| 35                    | 46557-8147  | 46557-8247  | 46557-8347  | 46557-8447  | 46557-8547  |  |
| 45                    | 46557-9147  | 46557-9247  | 46557-9347  | 46557-9447  | 46557-9547  |  |

NOTES:

- THIS SHEET CONTAINS THE FOLLOWING OPTIONS  
SOLDER CHARGE: TIN / LEAD, 63/Pb 37

|   |                                       |      |  |                        |                 |   |                        |  |
|---|---------------------------------------|------|--|------------------------|-----------------|---|------------------------|--|
| SEE SHEET 1<br>EC NO: UCP2011-2778<br>DRWN: T GREGORI 2011/04/05<br>CHKD:<br>APPR: J COMERC I 2011/04/06<br>REV DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) |      | DIMENSION STYLE INCH ONLY                            |                        | SCALE 1:1       | DESIGN UNITS INCH   | THIRD ANGLE PROJECTION |  |
|   | 4 PLACES                              | ±--- | ±---   | DRAWN BY T GREGORI     | DATE 2007/05/21 | TITLE SEARAY SLIM RECEPTACLE ASSEMBLY .050 PITCH  |                        |  |
|   | 3 PLACES                              | ±--- | ±.005  | CHECKED BY J COMERC I  | DATE 2007/05/21 |   |                        |  |
|   | 2 PLACES                              | ±--- | ±---   | APPROVED BY J COMERC I | DATE 2010/03/05 | MOLEX INCORPORATED  |                        |  |
|   | 1 PLACE                               | ±--- | ±---   | MATERIAL NO. SEE CHART |                 |   |                        |  |
| ANGULAR ±---°   |                                       |      | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                        |                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |  |

fb\_frame\_A\_P\_AM\_T  
Rev. E 2006/04/15