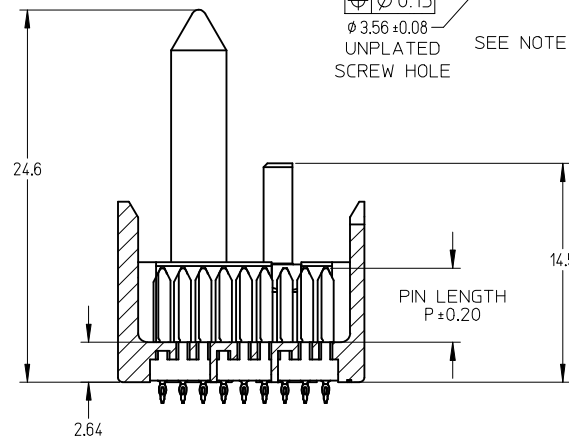
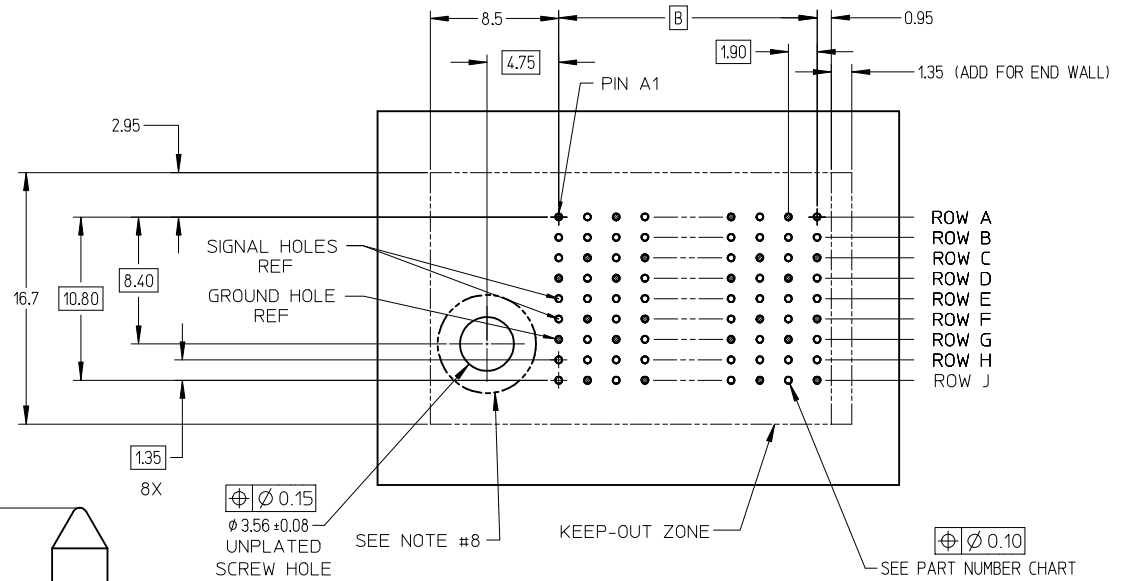
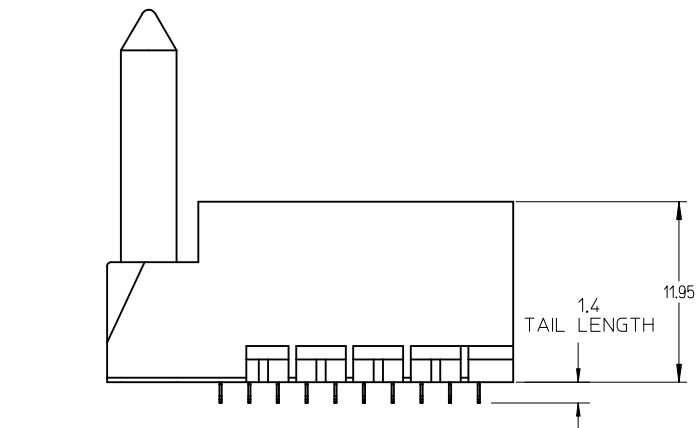
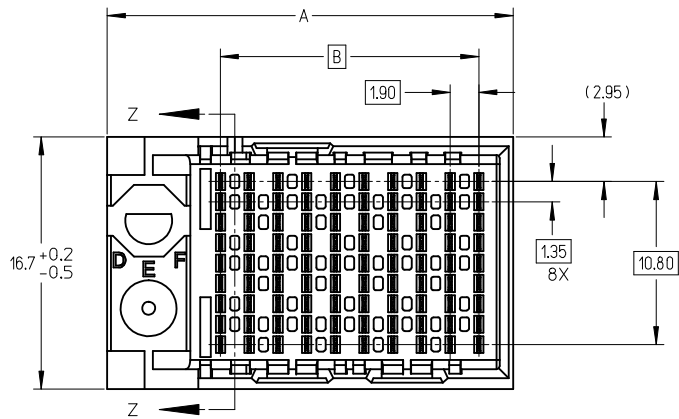
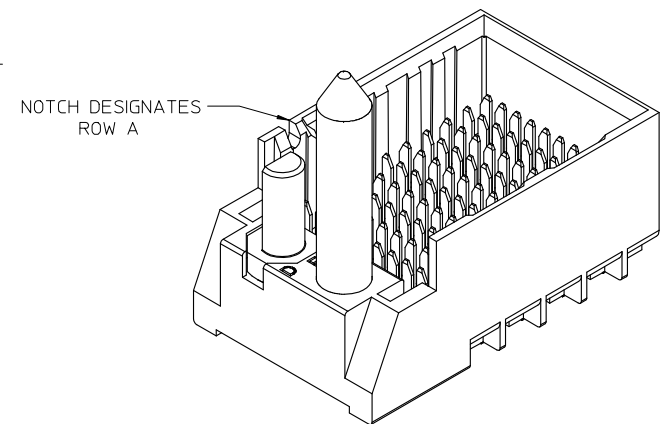




SECTION Z-Z



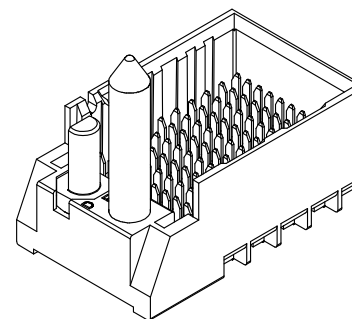
NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)  
GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30μ INCH MIN GOLD IN CONTACT AREA.  
SELECTIVE MATTE TIN ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-170540-999  
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
5. "THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND REPAIR ON THE PC BOARD. THIS IS REFERRED TO AS THE 'CONNECTOR KEEP OUT ZONE' AND DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR. WHEN LAYING OUT A PC BOARD FOR CONNECTORS STACKED TOGETHER, USE A 1.9mm PROGRESSION."
6. PACKAGE PER: PK-70873-758.
7. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
8. FOR GROUNDED GUIDE PINS USE  $\phi 3.56 \pm 0.08$  (PTH)  $\phi 3.66$  (DRILL) &  $\phi 6.5$  (PAD).
9. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD  
AND ROUTING RECOMMENDATIONS.
10. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW, MOLEX P/N 73774-1000.
11. MINIMUM CIRCUIT BOARD THICKNESS: 1.0mm
12. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 1.0mm  
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.

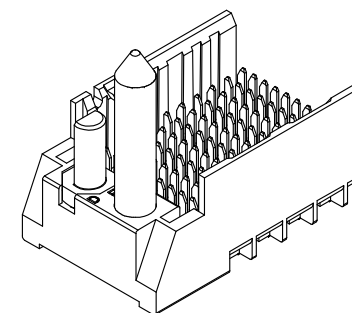
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     |                                       |  |              |                      |                                                                |                    |              |                                                                                                              |       |              |           |
|------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--|--------------|----------------------|----------------------------------------------------------------|--------------------|--------------|--------------------------------------------------------------------------------------------------------------|-------|--------------|-----------|
| ADD SCREW P/N<br>EC NO: UCP2015-0242<br>2014/07/21<br>DRWNG:MORGAN<br>CHKD:MP0FF<br>2014/07/21<br>APPR:SMILLER<br>2014/08/04 | DESCRIPTION | QUALITY SYMBOLS                                                                                                                                                                                                                                                                     | GENERAL TOLERANCES (UNLESS SPECIFIED) |  |              | DIMENSION STYLE      |                                                                | SCALE              | DESIGN UNITS |  THIRD ANGLE PROJECTION | TITLE | DOCUMENT NO. | SHEET NO. |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     |                                       |  |              | MM ONLY              |                                                                | 4:1                | METRIC       |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     |                                       |  |              | DRAWN BY<br>JBINGHAM |                                                                | DATE<br>2010/05/11 |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     |                                       |  |              | CHECKED BY<br>JLAURX |                                                                | DATE<br>2010/05/11 |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     |                                       |  |              | APPROVED BY          |                                                                | DATE               |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     |                                       |  |              | JLAURX               |                                                                | 2013/01/28         |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     |                                       |  |              | MATERIAL NO.         |                                                                |                    |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     |                                       |  |              | SEE CHART            |                                                                | SD-170525-0002     |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     |                                       |  |              | SIZE C               |                                                                |                    |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     |                                       |  |              |                      |                                                                |                    |              |                                                                                                              |       |              |           |
| D2                                                                                                                           | REV         |  F=0<br> F=0<br> F=0 | 4 PLACES ± --- ± ---                  |  | DATE         |                      | IMPACT 3-PAIR 85-OHM                                           |                    |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     | 3 PLACES ± --- ± ---                  |  | DATE         |                      | LEFT GUIDED BACPLANE                                           |                    |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     | 2 PLACES ± 0.13 ± ---                 |  | DATE         |                      | SALES ASSEMBLY DRAWING                                         |                    |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     | 1 PLACE ± 0.25 ± ---                  |  | DATE         |                      | <b>molex</b>                                                   |                    |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     | 0 PLACE ± --- ± ---                   |  | DATE         |                      |                                                                |                    |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     | ANGULAR ±1/2°                         |  | MATERIAL NO. |                      | SD-170525-0002                                                 |                    |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     | DRAFT WHERE APPLICABLE                |  | SEE CHART    |                      | SD-170525-0002                                                 |                    |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     | MUST REMAIN                           |  | SIZE C       |                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX |                    |              |                                                                                                              |       |              |           |
|                                                                                                                              |             |                                                                                                                                                                                                                                                                                     | WITHIN DIMENSIONS                     |  |              |                      | INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |              |                                                                                                              |       |              |           |

## PART NUMBER CHART

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | GUIDE LEFT<br>END WALL<br>OPTION |
|-----------------|--------------|----------------|---------|---------|----------------------------------|
| 170525-78**     | 8            | 24             | 23.1    | 13.30   |                                  |
| 170525-71**     | 10           | 30             | 26.9    | 17.10   |                                  |
| 170525-72**     | 12           | 36             | 30.7    | 20.90   |                                  |
| 170525-76**     | 16           | 48             | 38.3    | 28.50   |                                  |



| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" | DIM "B" | GUIDE LEFT<br>OPEN WALL<br>OPTION |
|-----------------|--------------|----------------|---------|---------|-----------------------------------|
| 170525-38**     | 8            | 24             | 21.7    | 13.30   |                                   |
| 170525-31**     | 10           | 30             | 25.5    | 17.10   |                                   |
| 170525-32**     | 12           | 36             | 29.3    | 20.90   |                                   |
| 170525-36**     | 16           | 48             | 36.9    | 28.50   |                                   |



GUIDE LEFT  
OPEN WALL OPTION

## PART NUMBER LOGIC

170525-\*\*\*\*

MODULE TYPE

3 = GUIDE LEFT, MATTE TIN

7 = GUIDE LEFT END WALL, MATTE TIN

PIN LENGTH (P)

3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)

4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)

5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)

6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)

8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

# OF COLUMNS

1 = 10 COL

2 = 12 COL

6 = 16 COL

8 = 8 COL

KEY ORIENTATION

0 = NO KEY

1 = A

2 = B

3 = C

4 = D

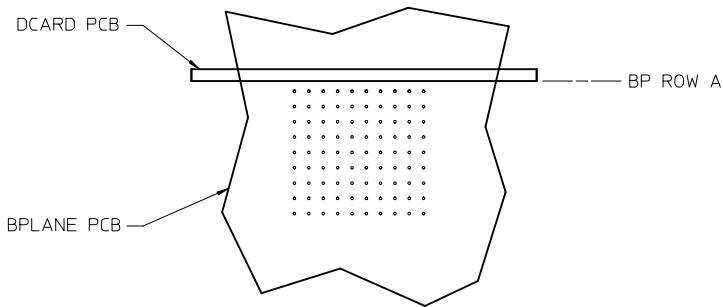
5 = E

6 = F

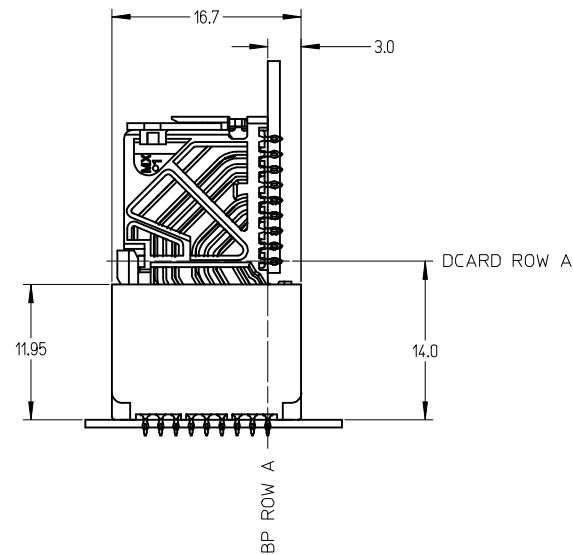
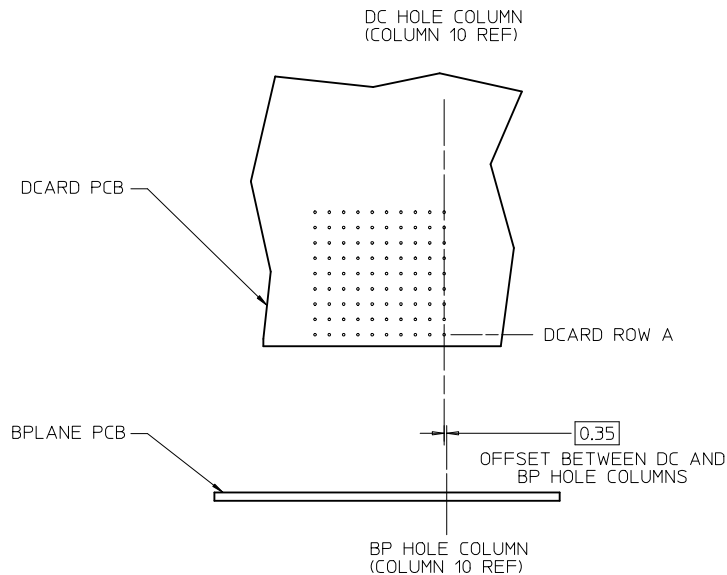
7 = G

8 = H

|                                                                                                                            |     |             |                 |                                       |  |                            |  |                    |                        |                                                                                                              |                                                                                                     |                                |                     |  |
|----------------------------------------------------------------------------------------------------------------------------|-----|-------------|-----------------|---------------------------------------|--|----------------------------|--|--------------------|------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------|---------------------|--|
| SEE SHEET 1<br>EC NO: UCP2015-0242<br>2014/07/21<br>DRAWN:MORGAN<br>CHKD:MPOFF<br>2014/07/21<br>APPR:SMILLER<br>2014/08/04 | REV | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM ONLY |  | SCALE<br>2.5:1     | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION | TITLE<br>IMPACT 3-PAIR 85-OHM<br>LEFT GUIDED BACPLANE<br>SALES ASSEMBLY DRAWING<br><br><b>molex</b> | DOCUMENT NO.<br>SD-170525-0002 | SHEET NO.<br>2 OF 3 |  |
|                                                                                                                            |     |             |                 |                                       |  | DRAWN BY<br>JBINGHAM       |  | DATE<br>2010/05/11 |                        |                                                                                                              |                                                                                                     |                                |                     |  |
|                                                                                                                            |     |             |                 |                                       |  | CHECKED BY<br>JLAURX       |  | DATE<br>2010/05/11 |                        |                                                                                                              |                                                                                                     |                                |                     |  |
|                                                                                                                            |     |             |                 |                                       |  | APPROVED BY<br>JLAURX      |  | DATE<br>2013/01/28 |                        |                                                                                                              |                                                                                                     |                                |                     |  |
|                                                                                                                            |     |             |                 |                                       |  | MATERIAL NO.               |  |                    |                        |                                                                                                              |                                                                                                     |                                |                     |  |
|                                                                                                                            |     |             |                 |                                       |  | SEE CHART                  |  |                    |                        |                                                                                                              |                                                                                                     |                                |                     |  |
|                                                                                                                            |     |             |                 |                                       |  | SIZE C                     |  |                    |                        |                                                                                                              |                                                                                                     |                                |                     |  |
|                                                                                                                            |     |             |                 |                                       |  |                            |  |                    |                        |                                                                                                              |                                                                                                     |                                |                     |  |
|                                                                                                                            |     |             |                 |                                       |  |                            |  |                    |                        |                                                                                                              |                                                                                                     |                                |                     |  |
|                                                                                                                            |     |             |                 |                                       |  |                            |  |                    |                        |                                                                                                              |                                                                                                     |                                |                     |  |
|                                                                                                                            |     |             |                 |                                       |  |                            |  |                    |                        |                                                                                                              |                                                                                                     |                                |                     |  |
|                                                                                                                            |     |             |                 |                                       |  |                            |  |                    |                        |                                                                                                              |                                                                                                     |                                |                     |  |



IMPACT 3 PAIR  
BOARD RELATIONSHIPS



|                                                                                                                           |     |             |                 |                                                                                                                                  |                       |                    |                      |                    |              |                                                                                                              |                                                                                                 |                                |                     |  |
|---------------------------------------------------------------------------------------------------------------------------|-----|-------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------|----------------------|--------------------|--------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------|---------------------|--|
| SEE SHEET 1<br>EC NO: UCP2015-0242<br>2014/07/21<br>DRWNS:MORGAN<br>CHKD:MPFF<br>2014/07/21<br>APPR:SMILLER<br>2014/08/04 | REV | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                            |                       | DIMENSION STYLE    |                      | SCALE              | DESIGN UNITS |  THIRD ANGLE PROJECTION | TITLE<br>IMPACT 3-PAIR 85-OHM<br>LEFT GUIDED BACPLANE<br>SALES ASSEMBLY DRAWING<br><b>molex</b> | DOCUMENT NO.<br>SD-170525-0002 | SHEET NO.<br>3 OF 3 |  |
|                                                                                                                           |     |             |                 |                                                                                                                                  |                       | MM ONLY            |                      | 3:1                | METRIC       |                                                                                                              |                                                                                                 |                                |                     |  |
|                                                                                                                           |     |             |                 |                                                                                                                                  | mm                    | INCH               | DRAWN BY<br>JBINGHAM | DATE<br>2010/05/11 |              |                                                                                                              |                                                                                                 |                                |                     |  |
|                                                                                                                           |     |             |                 | 4 PLACES ± --- ± ---                                                                                                             | CHECKED BY<br>JLAURX  | DATE<br>2010/05/11 |                      |                    |              |                                                                                                              |                                                                                                 |                                |                     |  |
|                                                                                                                           |     |             |                 | 3 PLACES ± --- ± ---                                                                                                             | APPROVED BY<br>JLAURX | DATE<br>2013/01/28 |                      |                    |              |                                                                                                              |                                                                                                 |                                |                     |  |
|                                                                                                                           |     |             |                 | 2 PLACES ± 0.13 ± ---                                                                                                            |                       |                    |                      |                    |              |                                                                                                              |                                                                                                 |                                |                     |  |
|                                                                                                                           |     |             |                 | 1 PLACE ± 0.25 ± ---                                                                                                             |                       |                    |                      |                    |              |                                                                                                              |                                                                                                 |                                |                     |  |
|                                                                                                                           |     |             |                 | 0 PLACE ± --- ± ---                                                                                                              |                       |                    |                      |                    |              |                                                                                                              |                                                                                                 |                                |                     |  |
|                                                                                                                           |     |             |                 | ANGULAR ±1/2°                                                                                                                    |                       | MATERIAL NO.       |                      |                    |              |                                                                                                              |                                                                                                 |                                |                     |  |
|                                                                                                                           |     |             |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |                       | SEE CHART          |                      |                    |              |                                                                                                              |                                                                                                 |                                |                     |  |
| D2                                                                                                                        |     |             |                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                       |                    |                      |                    |              |                                                                                                              |                                                                                                 |                                |                     |  |



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Электрон  
Связь**

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**Наши контакты:**

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**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

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