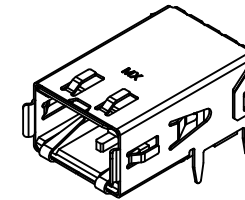
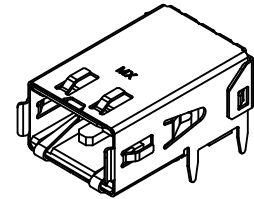


# NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER, UL94 V-0, NATURAL  
TERMINAL - COPPER NICKEL SILICON ALLOY  
SHIELD - BRASS ALLOY
2. FINISHES:  
TERMINAL: 1.27 MICROMETERS MINIMUM SELECT GOLD AND  
3.81 MICROMETERS MINIMUM SELECT TIN OVER  
NICKEL UNDERPLATE OVERALL.  
SHELL: 3.00 MICROMETERS MINIMUM TIN OVER  
NICKEL UNDERPLATE OVERALL.
3. PACKAGE TAPE AND REEL PER PK-74703-001 AND  
PACKAGE TRAYS PER PK-74703-002.
4. PART CONFORMS TO SPECIFICATION PS-74703-001.
5. DROP-IN AND PRESS FIT ASSEMBLIES REQUIRED TO  
BE SOLDERED TO BOARD.

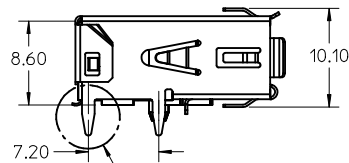


INFINIBAND KEYING  
WITH DROP-IN SHIELD



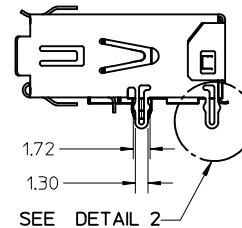
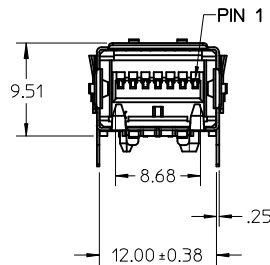
FIBRE CHANNEL KEYING  
WITH DROP-IN SHIELD

## DROP-IN SHIELD

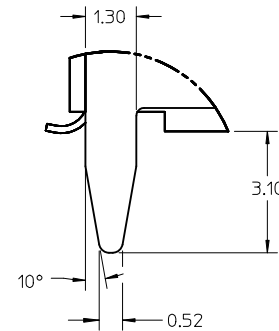


SEE DETAIL 1

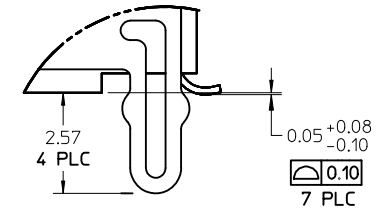
## PRESS-FIT SHIELD



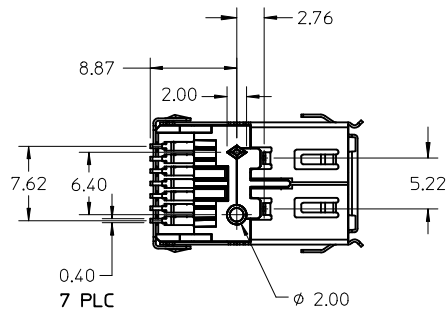
SEE DETAIL 2



DETAIL 1  
SCALE 8:1



DETAIL 2  
SCALE 8:1



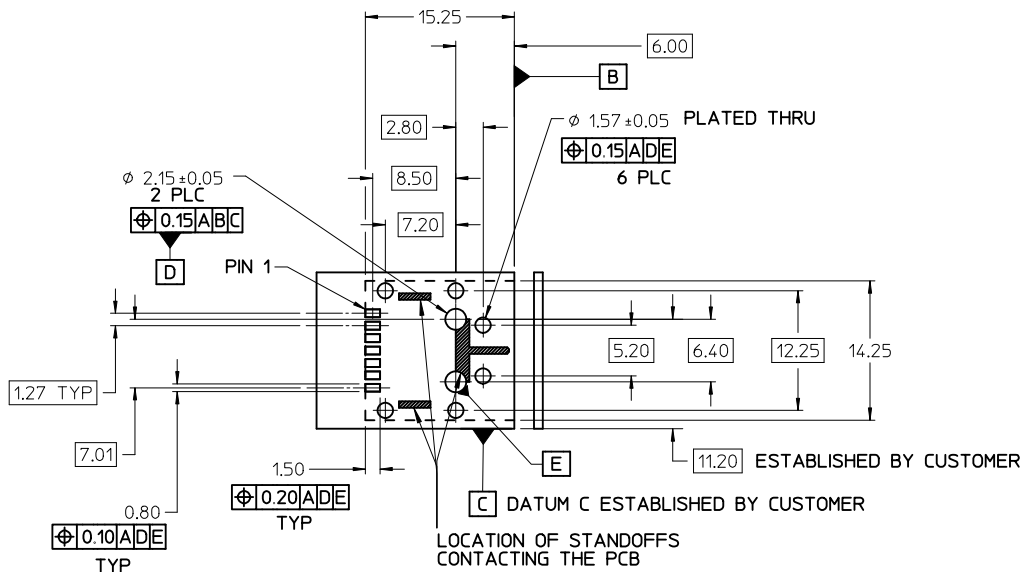
| REVISE DRAWING |            | QUALITY SYMBOLS |     | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE                                                                                                               |             | SCALE |        | DESIGN UNITS |  | THIRD ANGLE PROJECTION |  |
|----------------|------------|-----------------|-----|---------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------|-------------|-------|--------|--------------|--|------------------------|--|
| EC NO:         | DATE       | DESCRIPTION     | REV | mm                                    | INCH   | MM ONLY                                                                                                                       | DATE        | 2:1   | METRIC |              |  |                        |  |
| UCP2012-3535   | 2012/04/26 | DRWIN:MORGAN    | 1   | 4 PLACES                              | ± ---  | ± ---                                                                                                                         | DRAWN BY    |       |        |              |  |                        |  |
| CHKO:BBARKER   | 2012/04/26 |                 |     | 3 PLACES                              | ± ---  | ± ---                                                                                                                         | CHECKED BY  |       |        |              |  |                        |  |
| APPR:SMILLER   | 2012/06/08 |                 |     | 2 PLACES                              | ± 0.13 | ± ---                                                                                                                         | RSFOX       |       |        |              |  |                        |  |
|                |            |                 |     | 1 PLACE                               | ± 0.25 | ± ---                                                                                                                         | APPROVED BY |       |        |              |  |                        |  |
|                |            |                 |     | 0 PLACE                               | ±      | ±                                                                                                                             | DBRINKMA    |       |        |              |  |                        |  |
|                |            |                 |     | ANGULAR ± 3 °                         |        | MATERIAL NO.                                                                                                                  |             |       |        |              |  |                        |  |
|                |            |                 |     | DRAFT WHERE APPLICABLE                |        | SEE TABLE                                                                                                                     |             |       |        |              |  |                        |  |
|                |            |                 |     | MUST REMAIN WITHIN DIMENSIONS         |        | SIZE B                                                                                                                        |             |       |        |              |  |                        |  |
|                |            |                 |     |                                       |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |             |       |        |              |  |                        |  |

SALES DRAWING  
HSSDC2 RECEPTACLE  
ASSEMBLY

**molex**

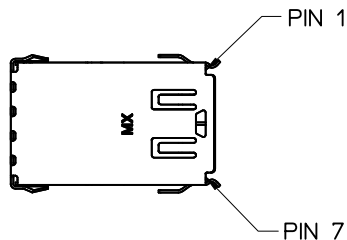
DOCUMENT NO.  
SD-74703-001

SHEET NO.  
1 OF 3

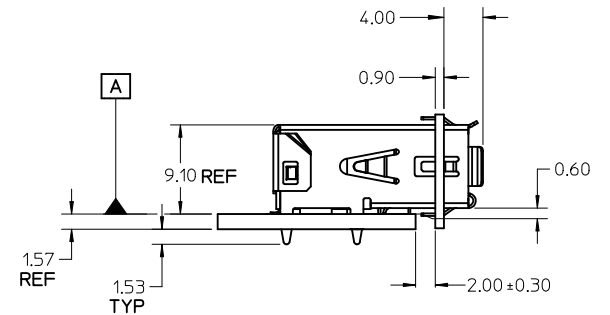


### RECOMMENDED PCB LAYOUT COMPONENT SIDE SHOWN

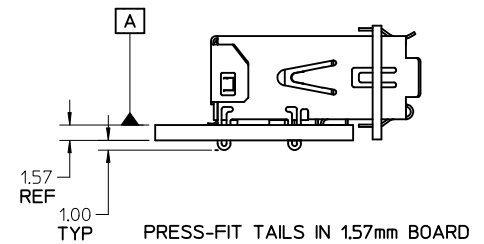
THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT TO  
BE CONSIDERED THE KEEP OUT AREA (FOR COMPONENTS).  
THIS AREA IS INDICATED BY THE DASHED LINE.



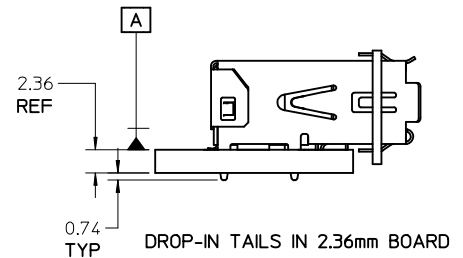
| PIN NO. | INFINIBAND | FIBRE CHANNEL |
|---------|------------|---------------|
| 1       | G          | G             |
| 2       | R+         | R-            |
| 3       | R-         | R+            |
| 4       | G          | G             |
| 5       | T-         | T+            |
| 6       | T+         | T-            |
| 7       | G          | G             |



DROP-IN TAILS IN 1.57mm BOARD

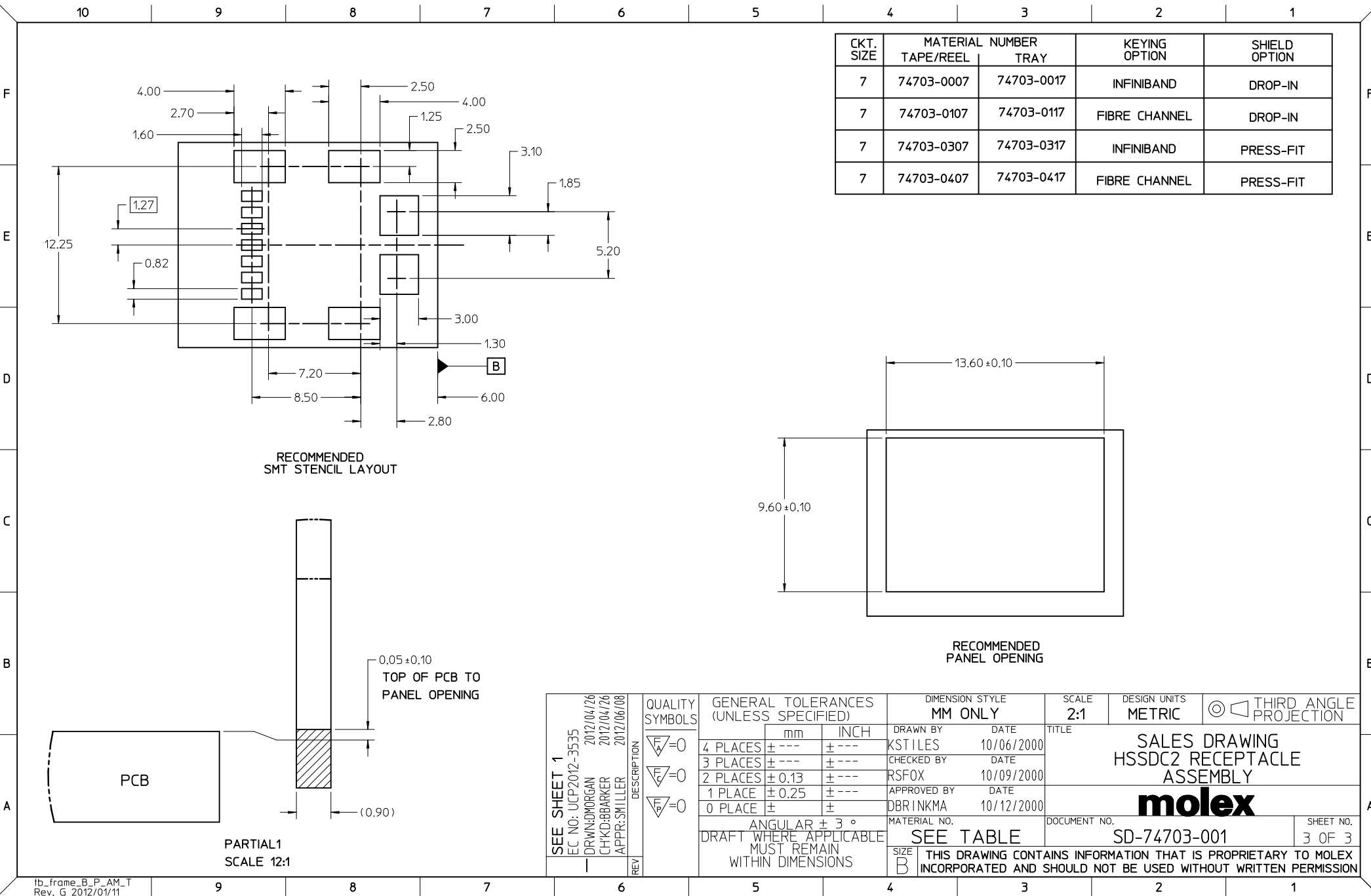


PRESS-FIT TAILS IN 1.57mm BOARD



DROP-IN TAILS IN 2.36mm BOARD

|                                                                                                                      |             |                                                                                                     |                                                            |  |                            |  |                                                                                                                                  |                        |                                                                                                              |                     |  |  |  |
|----------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------|--|----------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|---------------------|--|--|--|
| SEE SHEET 1<br>EC NO: UCP2012-3535<br>DRAWN:DMORGAN 2012/04/26<br>CHKD:BBARKER 2012/04/26<br>APPR:SMILLER 2012/06/08 | DESCRIPTION | QUALITY SYMBOLS<br><div>F<sub>A</sub>=0</div> <div>F<sub>B</sub>=0</div> <div>F<sub>C</sub>=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  | DIMENSION STYLE<br>MM ONLY |  | SCALE<br>2:1                                                                                                                     | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION |                     |  |  |  |
|                                                                                                                      |             |                                                                                                     |                                                            |  | DRAWN BY DATE              |  | TITLE<br>SALES DRAWING<br>HSSDC2 RECEPTACLE<br>ASSEMBLY                                                                          |                        |                                                                                                              |                     |  |  |  |
|                                                                                                                      |             |                                                                                                     |                                                            |  | CHECKED BY DATE            |  |                                                                                                                                  |                        |                                                                                                              |                     |  |  |  |
|                                                                                                                      |             |                                                                                                     |                                                            |  | APPROVED BY DATE           |  |                                                                                                                                  |                        |                                                                                                              |                     |  |  |  |
|                                                                                                                      |             |                                                                                                     | 1 PLACE ±0.25 ±---                                         |  | DBRINKMA 10/12/2000        |  | DOCUMENT NO.<br>SD-74703-001                                                                                                     |                        |                                                                                                              |                     |  |  |  |
|                                                                                                                      |             |                                                                                                     | 0 PLACE ± ±                                                |  | MATERIAL NO.               |  |                                                                                                                                  |                        |                                                                                                              | SHEET NO.<br>2 OF 3 |  |  |  |
|                                                                                                                      |             |                                                                                                     | ANGULAR ± 3 °                                              |  | SEE TABLE                  |  |                                                                                                                                  |                        |                                                                                                              |                     |  |  |  |
|                                                                                                                      |             |                                                                                                     | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  | SIZE<br>B                  |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                                                                                                              |                     |  |  |  |
|                                                                                                                      |             |                                                                                                     |                                                            |  |                            |  |                                                                                                                                  |                        |                                                                                                              |                     |  |  |  |
|                                                                                                                      |             |                                                                                                     | REV                                                        |  |                            |  |                                                                                                                                  |                        |                                                                                                              |                     |  |  |  |



| CKT. SIZE | MATERIAL NUMBER |            | KEYING OPTION | SHIELD OPTION |
|-----------|-----------------|------------|---------------|---------------|
|           | TAPE/REEL       | TRAY       |               |               |
| 7         | 74703-0007      | 74703-0017 | INFINIBAND    | DROP-IN       |
| 7         | 74703-0107      | 74703-0117 | FIBRE CHANNEL | DROP-IN       |
| 7         | 74703-0307      | 74703-0317 | INFINIBAND    | PRESS-FIT     |
| 7         | 74703-0407      | 74703-0417 | FIBRE CHANNEL | PRESS-FIT     |

|                                                                                                                          |             |                 |                                       |                                                                                                                               |  |                                                                                 |              |                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------|
| SEE SHEET 1<br>EC NO: UCP2012-3535<br>—<br>DRWN:DMORGAN 2012/04/26<br>CHKD:BBARKER 2012/04/26<br>APPR:SMILLER 2012/06/08 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE                                                                                                               |  | SCALE                                                                           | DESIGN UNITS |  THIRD ANGLE PROJECTION |
|                                                                                                                          |             |                 |                                       | MM ONLY                                                                                                                       |  | 2:1                                                                             | METRIC       |                                                                                                              |
|                                                                                                                          |             |                 |                                       | DRAWN BY DATE                                                                                                                 |  | TITLE<br><br>SALES DRAWING<br>HSSDC2 RECEPTACLE<br>ASSEMBLY<br><br><b>molex</b> |              |                                                                                                              |
|                                                                                                                          |             |                 |                                       | KSTILES 10/06/2000                                                                                                            |  |                                                                                 |              |                                                                                                              |
|                                                                                                                          |             |                 |                                       | CHECKED BY DATE                                                                                                               |  |                                                                                 |              |                                                                                                              |
|                                                                                                                          |             |                 |                                       | RSFOX 10/09/2000                                                                                                              |  |                                                                                 |              |                                                                                                              |
|                                                                                                                          |             |                 |                                       | APPROVED BY DATE                                                                                                              |  | DOCUMENT NO.<br><br>SD-74703-001                                                |              |                                                                                                              |
| DBRINKMA 10/12/2000                                                                                                      |             |                 |                                       |                                                                                                                               |  |                                                                                 |              |                                                                                                              |
| MATERIAL NO.                                                                                                             |             | SEE TABLE       |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                                 |              |                                                                                                              |
| REV                                                                                                                      |             |                 |                                       | SIZE<br>B                                                                                                                     |  |                                                                                 |              |                                                                                                              |