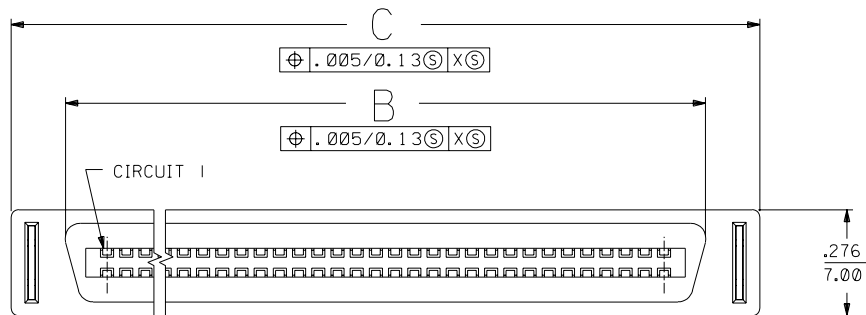


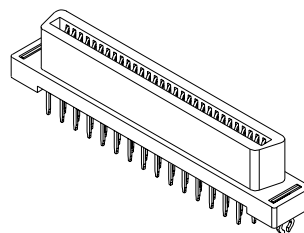
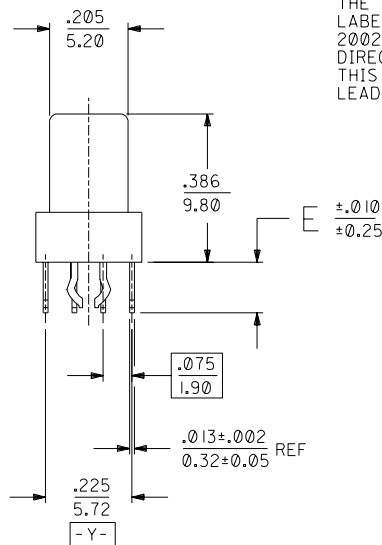
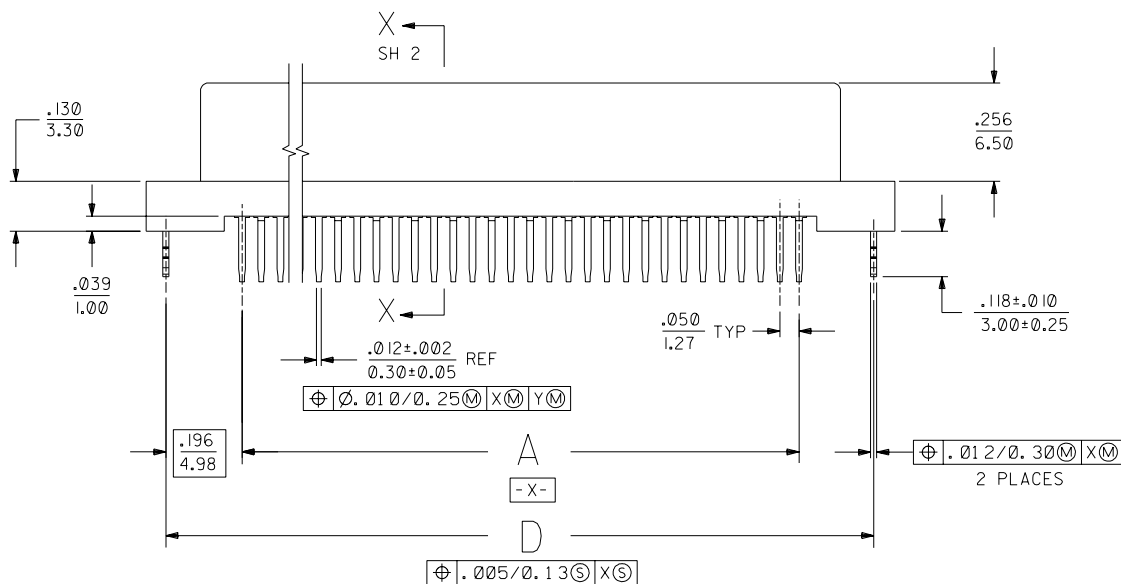


# NOTES:

- MATERIALS:**  
HOUSING- LCP, GLASS FILLED, 94V-0, BLACK.  
TERMINALS- COPPER ALLOY  
METAL PEGS- COPPER ALLOY
- PLATING:**  
.000030 INCHES MINIMUM GOLD IN SELECTIVE CONTACT AREA  
OVER .000050-.000100 INCHES NICKEL IN CONTACT AREA.  
.000100-.000200 INCHES TIN IN SOLDER TAIL AREA.
- ASSEMBLY MATES WITH MOLEX P/N SDA-71661-\*\*\*\*.  
CONFORMS TO PRODUCT SPECIFICATION PS-71660.
- RECOMMENDED P.C. BOARD THICKNESS IS .062 (1.6).
- CONNECTOR WILL ACCEPT MATING TO A P.C. BOARD WITH A THICKNESS OF .062 $\pm$ .003.

## NOTE FOR LEAD FREE CONVERSION:

THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

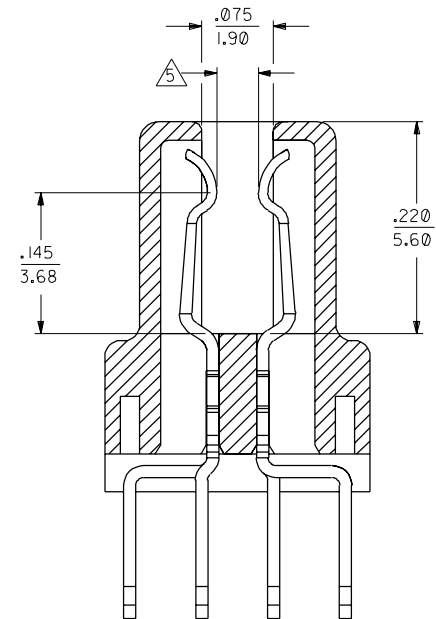
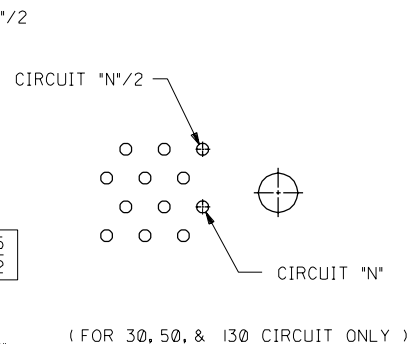


60 CIRCUIT ASSEMBLY SHOWN  
SCALE 2:1

| DIMENSIONS SHOWN (METRIC) INCH                       |                | UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 1/2^\circ$                                                        |             |
|------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------|-------------|
| INCH                                                 | METRIC         | INCH                                                                                                                  | METRIC      |
| 3 PLACE $\pm .005$                                   | ---            | 2 PLACE $\pm .01$                                                                                                     | $\pm 0.13$  |
| 1 PLACE ---                                          | $\pm 0.25$     | ---                                                                                                                   | $\pm 0.25$  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                |                                                                                                                       |             |
| DRWG. BY: RAN                                        | CHK'D. BY: RAN | FILE NAME: S71660X9                                                                                                   | SCALE: 4: 1 |
| APP'D. BY: CAB                                       | SCALE: 4: 1    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | DIV. C      |

|      |     |           |           |
|------|-----|-----------|-----------|
| 2    | D   | REV. LTR. | REVISIONS |
| 1    | F   |           |           |
| MFG. | SH. | REV.      | LTR.      |

|                                                  |                  |              |
|--------------------------------------------------|------------------|--------------|
| SALES ASSEMBLY EBBI 50D                          | SHEET NO. 1 OF 2 | DATE 4/23/93 |
| VERTICAL RCPT W/O CENTER BOARD LOCK & POLAR. PEG |                  |              |
| MOLEX INCORPORATED                               | U.S.A.           |              |
| 60532                                            |                  |              |
| PART NO. SDA-71660-9***                          | DRWG. NO.        |              |



SECTION X-X  
SCALE- 10:1

( FOR 40,60,68,80,100, & 120 CIRCUIT ONLY )

|             |               |               |               |               |          |             |
|-------------|---------------|---------------|---------------|---------------|----------|-------------|
| .110 (2.79) | 3.592 (91.25) | 3.699 (93.95) | 3.418 (86.82) | 3.200 (81.28) | 130      | 71660-9430  |
| .110 (2.79) | 3.342 (84.90) | 3.449 (87.60) | 3.168 (80.47) | 2.950 (74.93) | 120      | 71660-9420  |
| .110 (2.79) | 2.842 (72.20) | 2.949 (74.90) | 2.668 (67.77) | 2.450 (62.23) | 100      | 71660-9400  |
| .110 (2.79) | 2.342 (59.50) | 2.449 (62.20) | 2.168 (55.07) | 1.950 (49.53) | 80       | 71660-9380  |
| .110 (2.79) | 2.042 (51.88) | 2.149 (54.58) | 1.868 (47.45) | 1.650 (41.91) | 68       | 71660-9368  |
| .110 (2.79) | 1.842 (46.80) | 1.949 (49.50) | 1.668 (42.37) | 1.450 (36.83) | 60       | 71660-9360  |
| .110 (2.79) | 1.592 (40.45) | 1.699 (43.15) | 1.418 (36.02) | 1.200 (30.48) | 50       | 71660-9350  |
| .110 (2.79) | 1.342 (34.10) | 1.449 (36.80) | 1.168 (29.67) | .950 (24.13)  | 40       | 71660-9340  |
| .110 (2.79) | 1.092 (27.75) | 1.199 (30.45) | .918 (23.32)  | .700 (17.78)  | 30       | 71660-9330  |
| .134 (3.40) | 3.592 (91.25) | 3.699 (93.95) | 3.418 (86.82) | 3.200 (81.28) | 130      | 71660-9130  |
| .134 (3.40) | 3.342 (84.90) | 3.449 (87.60) | 3.168 (80.47) | 2.950 (74.93) | 120      | 71660-9120  |
| .134 (3.40) | 2.842 (72.20) | 2.949 (74.90) | 2.668 (67.77) | 2.450 (62.23) | 100      | 71660-9100  |
| .134 (3.40) | 2.342 (59.50) | 2.449 (62.20) | 2.168 (55.07) | 1.950 (49.53) | 80       | 71660-9080  |
| .134 (3.40) | 2.042 (51.88) | 2.149 (54.58) | 1.868 (47.45) | 1.650 (41.91) | 68       | 71660-9068  |
| .134 (3.40) | 1.842 (46.80) | 1.949 (49.50) | 1.668 (42.37) | 1.450 (36.83) | 60       | 71660-9060  |
| .134 (3.40) | 1.592 (40.45) | 1.699 (43.15) | 1.418 (36.02) | 1.200 (30.48) | 50       | 71660-9050  |
| .134 (3.40) | 1.342 (34.10) | 1.449 (36.80) | 1.168 (29.67) | .950 (24.13)  | 40       | 71660-9040  |
| .134 (3.40) | 1.092 (27.75) | 1.199 (30.45) | .918 (23.32)  | .700 (17.78)  | 30       | 71660-9030  |
| E           | D             | C             | B             | A             | CKT (*N) | ITEM NUMBER |

|                                                                                                                        |     |      |                           |                |
|------------------------------------------------------------------------------------------------------------------------|-----|------|---------------------------|----------------|
| C                                                                                                                      |     |      | SEE SHEET 1               |                |
| MFG.                                                                                                                   | SH. | REV. | LTR.                      | REVISIONS      |
| ▼ = 0                                                                                                                  |     |      | REVISE ONLY ON CAD SYSTEM |                |
| ES ASSEMBLY EBBI 50D                                                                                                   |     |      |                           |                |
| ICAL RCPT W/O CENTER                                                                                                   |     |      |                           |                |
| RD LOCK & POLAR, PEC                                                                                                   |     |      |                           |                |
| X INCORPORATED                                                                                                         |     |      | SHEET NO.                 | DATE           |
| 68932 U.S.A.                                                                                                           |     |      | 2                         | 4/23/93        |
| TABLE                                                                                                                  |     |      | DRAWING NO.               |                |
|                                                                                                                        |     |      | SDA-71660-9***            |                |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |     |      |                           | DIV. C<br>SIZE |

|                                                                                                                                                                                                                                                                                                                      |                      |                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |  |         |        |     |         |       |        |         |     |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--------|-----|---------|-------|--------|---------|-----|--------|
| DIMENSIONS SHOWN (METRIC) INCH                                                                                                                                                                                                                                                                                       |                      | ▽ = 0    ▼ = 0                                                                                                                                                                                                                                                                                                       |  | <b>REVISE ONLY ON CAD SYSTEM</b>                                                                                                                                                                                                                                                                                                                                                                                   |  |         |        |     |         |       |        |         |     |        |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES AS ANGULAR ± 1/2°                                                                                                                                                                                                                                                           |                      | TITLE                                                                                                                                                                                                                                                                                                                |  | <div style="font-size: 2em; font-weight: bold; margin-bottom: 10px;">SALES ASSEMBLY EBBI 50D<br/>VERTICAL RCPT W/O CENTER<br/>BOARD LOCK &amp; POLAR, PEG</div> <div style="font-size: 1.5em; font-weight: bold; margin-bottom: 10px;">MOLEX INCORPORATED</div> <div style="display: flex; justify-content: space-between;"> <span>MODEL: 152L10L</span> <span>SHEET NO. 2</span> <span>DATE 4/23/92</span> </div> |  |         |        |     |         |       |        |         |     |        |
| INCH      METRIC                                                                                                                                                                                                                                                                                                     |                      | <div style="border: 1px solid black; padding: 5px; display: inline-block;">             PART NO. SEE TABLE           </div> <div style="margin-left: 20px;">             DRWG. NO. SDA-71660-9***           </div>                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |  |         |        |     |         |       |        |         |     |        |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">3 PLACE</td> <td style="width: 20%;">± .005</td> <td style="width: 20%;">---</td> </tr> <tr> <td>2 PLACE</td> <td>± .01</td> <td>± 0.13</td> </tr> <tr> <td>1 PLACE</td> <td>---</td> <td>± 0.25</td> </tr> </table> |                      |                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 3 PLACE | ± .005 | --- | 2 PLACE | ± .01 | ± 0.13 | 1 PLACE | --- | ± 0.25 |
| 3 PLACE                                                                                                                                                                                                                                                                                                              | ± .005               |                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |  | ---     |        |     |         |       |        |         |     |        |
| 2 PLACE                                                                                                                                                                                                                                                                                                              | ± .01                | ± 0.13                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |  |         |        |     |         |       |        |         |     |        |
| 1 PLACE                                                                                                                                                                                                                                                                                                              | ---                  | ± 0.25                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |  |         |        |     |         |       |        |         |     |        |
| DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS                                                                                                                                                                                                                                                              |                      |                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |  |         |        |     |         |       |        |         |     |        |
| DRWG. BY: <b>RAN</b>                                                                                                                                                                                                                                                                                                 | CHK'D BY: <b>RAN</b> | <div style="border: 1px solid black; padding: 5px; display: inline-block;">             FILE NAME 571660X9           </div> <div style="margin-left: 20px;">             THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO<br/>MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.           </div> |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |  |         |        |     |         |       |        |         |     |        |
| APP'D. BY: <b>CAB</b>                                                                                                                                                                                                                                                                                                | SCALE: 4:1           |                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |  |         |        |     |         |       |        |         |     |        |

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