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## REVISIONS

| EC           | REV | DESCRIPTION   | DATE     |
|--------------|-----|---|----------|
| 0S1Q-0337-04 | A   | INITIAL DRAWING   | 10/07/04 |
| 0S1Q-0436-04 | B   | ADDED DETAIL A FOR COMPLIANT PRESS FIT AND DETAIL B FOR OPTIONAL STYLE COMPLIANT TAIL<br>ADDED NOTE 7 ON SHEETS 1 & 3 | 12/13/04 |

B

B

## NOTES: UNLESS OTHERWISE SPECIFIED

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING
2. MATERIALS:
  - INSULATORS: THERMPLASTIC, GLASS REINFORCED, COLOR: BLK UL 94V-0 FLAMMABILITY RATED
  - SIGNAL CONTACTS: COPPER ALLOY
  - POWER CONTACTS: COPPER ALLOY
3. FINISHES:
  - CONTACT PLATING: SELECTIVE GOLD PER MIL-G-45204, 0.000030" NOMINAL OVER NICKEL PER QQ-N-290
  - TERMINALS: TIN PLATED, MATTE FINISH, .000040" TO .000120" THICKNESS (PRE-PRODUCTION TERMINATION MAY BE TIN/LEAD PLATED)

4 CONNECTOR ACCEPT 0.093  $\pm$  .005" [2.36  $\pm$  0.13] THICK PCB.

5 RECOMMENDED PRINTED CIRCUIT HOLE  
FINISHED HOLE:  $\phi$  1.02  $\pm$  .08 [.040  $\pm$  .003]  
DRILLED HOLE:  $\phi$  1.15  $\pm$  .013 [.0453  $\pm$  .0005]  
COPPER PLATE: .025 [.0010] MINIMUM (PER SURFACE)  
TIN PLATE: .008 [.0003] MINIMUM (PER SURFACE)

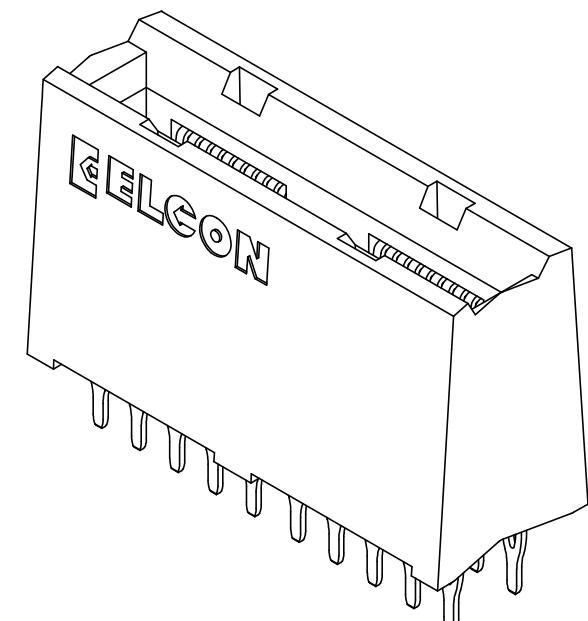
6 MACHINED PART 284-0492-00900 WILL BE REPLACED BY  
MOLDED PART 284-0492-11000 WHEN TOOLING BECOMES AVAILABLE.

7 TO AVOID CONTACT DAMAGE, REMOVE SHARP PCB EDGE.

8. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:

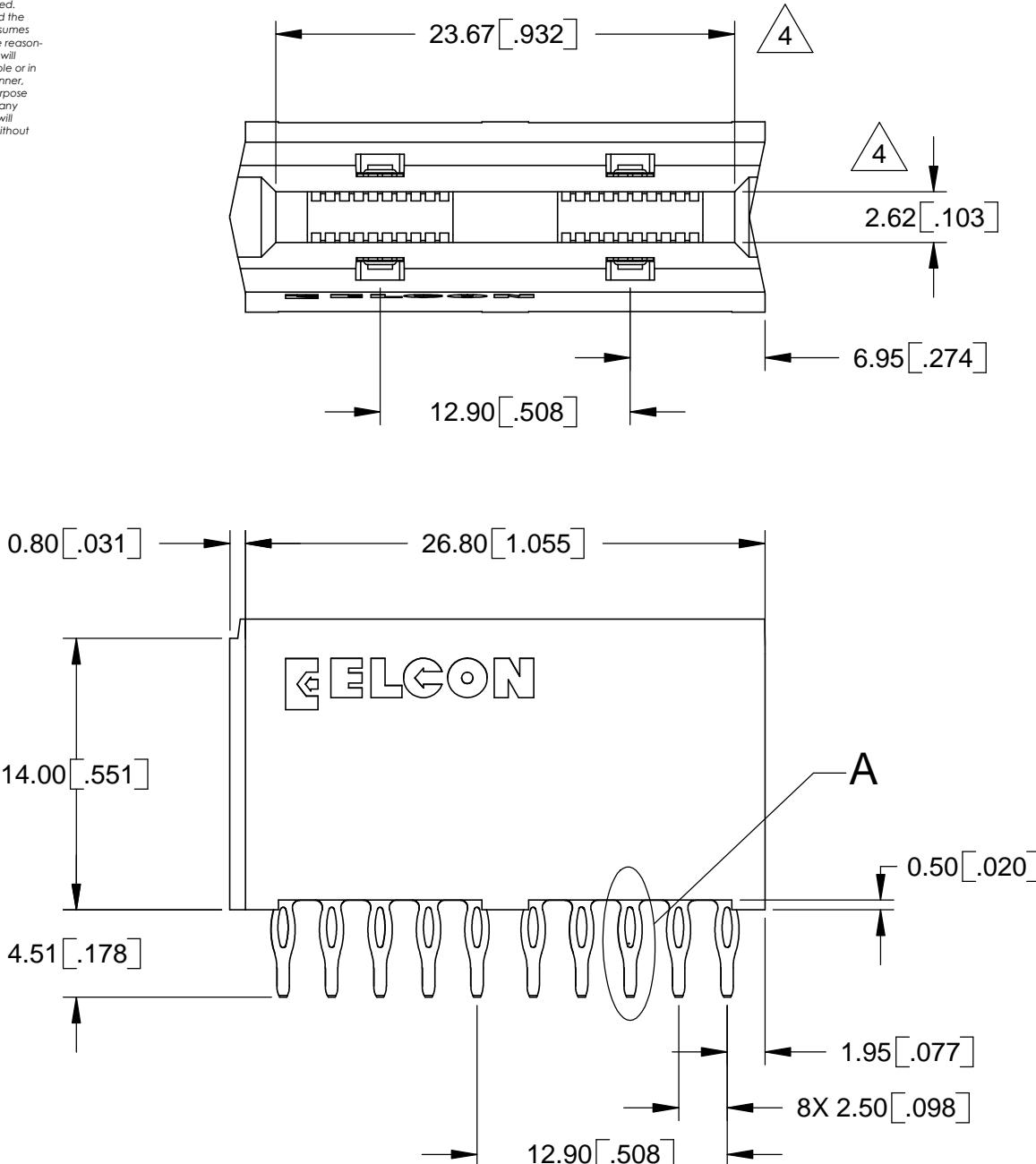
YEAR      WEEK  
ELCON PART NO.      DATE CODE (e.g. 0425)  
XXX-XXXX-XXXXX      XXXX

9. REFERENCE ELCON PART NO. 284-0492-11000  
284-0492-00900

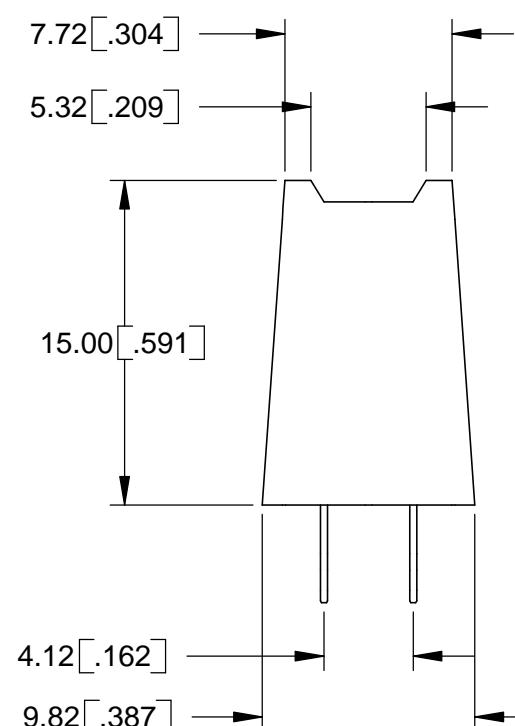


|  |                   |                  |  |
|--|-------------------|------------------|--|
| <br><br><small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCH]</small> | DRAWN             | DATE             | <br><small>Tyco Electronics Corporation<br/>Menlo Park, CA 94025</small>   |
|  | CHECKED           |                  |  |
| APPROVED   |                   |                  | TITLE  |
| APPROVED   | D. CHAU           | 12/13/04         | SOCKET CONNECTOR, CROWNEDGE<br>2 SEGMENTS, COMPLIANT TAIL, .093" BLADE<br>PN: 284-0492-11000 (MOLDED)<br>PN: 284-0492-00900 (MACHINED) |
| DECIMALS   |                   |                  | SIZE DWG NUMBER  |
| .XX $\pm$ 0.25 [.010]  | M. ALIM           | 12/15/04         | C $\square$ 1766354  |
| .X $\pm$ 0.5 [.02]   |                   |                  | REV. B   |
| FILE NAME  | SC1766354B.SLDDRW | DWG SCALE: 3 = 1 | SH 1 OF 3  |

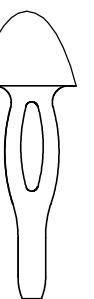
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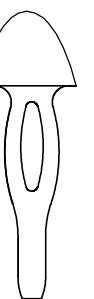
| REVISIONS |     |             |      |
|-----------|-----|-------------|------|
| EC        | REV | DESCRIPTION | DATE |
|           |     | SEE SHEET 1 |      |



DETAIL B  
OPTIONAL STYLE  
COMPLIANT PRESS FIT  
SCALE 6 : 1



DETAIL A  
COMPLIANT PRESS FIT  
SCALE 6:1



|   |                    |          |      |          |   |
|---|--------------------|----------|------|----------|---|
| <br><b>THIRD ANGLE PROJECTION</b>                                     | DRAWN              | R. Thein | DATE | 09/15/04 | <br><b>Tyco Electronics</b><br>Tyco Electronics Corporation<br>Menlo Park, CA 94025 |
|   | CHECKED            |          |      |          |   |
| UNLESS OTHERWISE<br>SPECIFIED DIMENSIONS<br>ARE IN MILLIMETERS [INCH] | APPROVED           |          |      |          |   |
| TOLERANCES  | APPROVED           |          |      |          |   |
| ANGLES $\pm$ 2.0°   | D. CHAU            | 12/13/04 |      |          |   |
| DECIMALS  | DCA APPROVED       |          |      |          |   |
| .XX $\pm$ 0.25 [.010]   | M. ALIM            | 12/15/04 |      |          |   |
| .X $\pm$ 0.5 [.02]  | FILE NAME          |          |      |          |   |
|   | SC1766354.B.SLDDRW |          |      |          |   |
|   | DWG SCALE: 3 = 1   |          |      |          |   |
|   | SH 2 OF 3          |          |      |          |   |



# Mouser Electronics

Authorized Distributor

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[284-0492-11000](#)