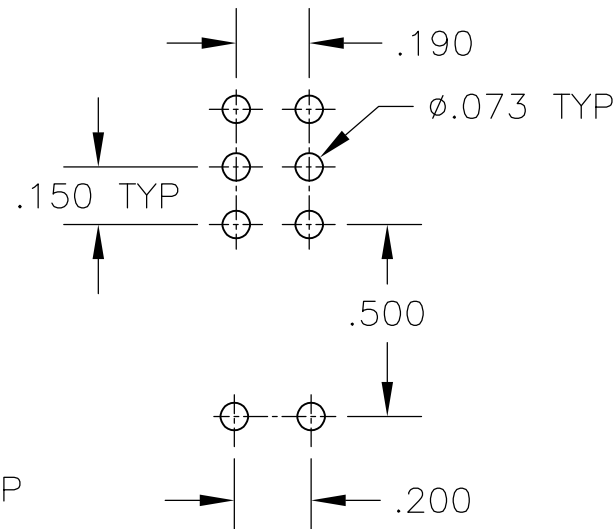
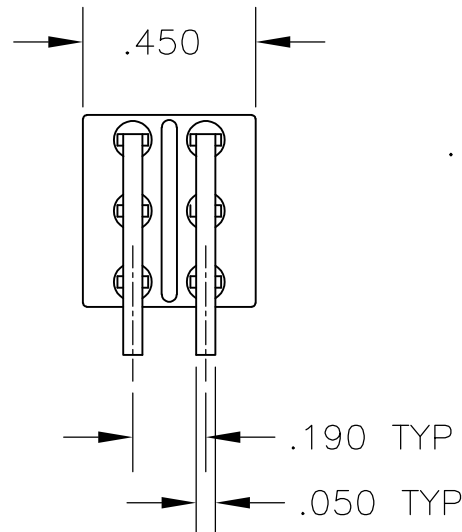
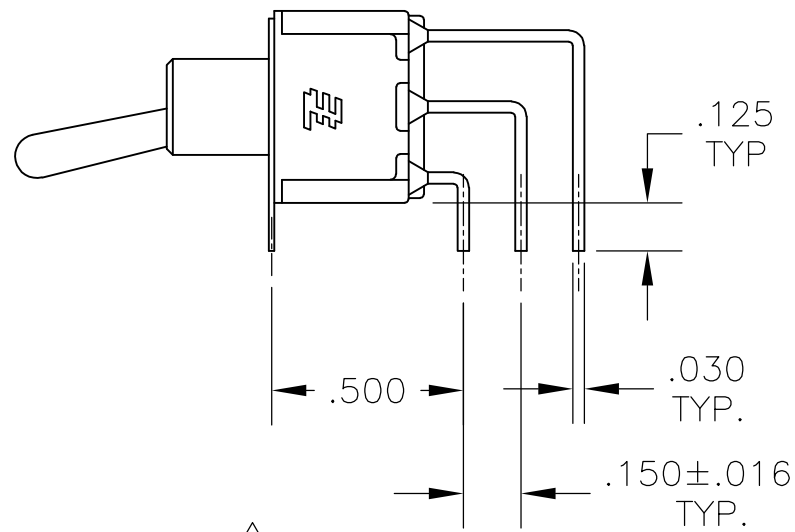
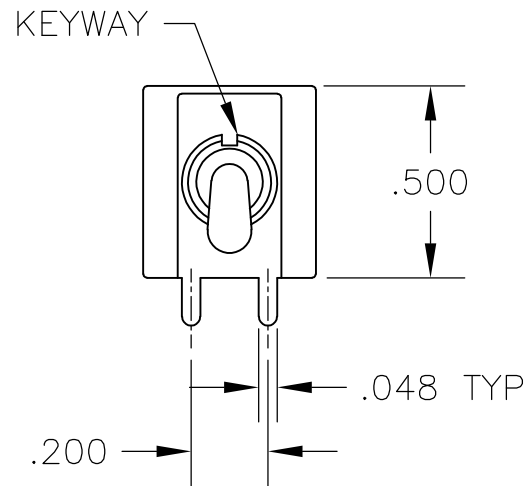






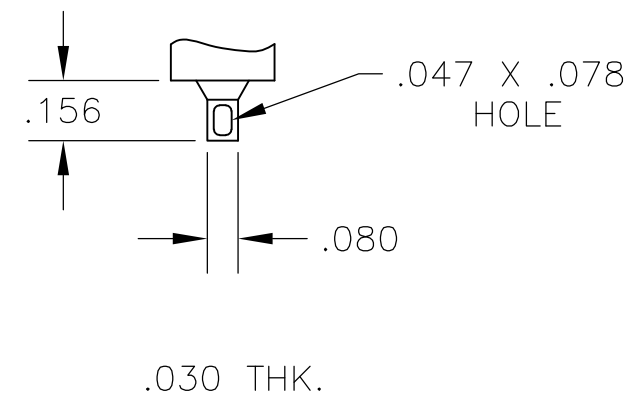
| LOC |  | DIST |  | REVISIONS |     |             |  |      |     |
|-----|--|------|--|-----------|-----|-------------|--|------|-----|
| AD  |  | 00   |  | P         | LTR | DESCRIPTION |  | DATE | DWN |
|     |  |      |  | -         | -   | SEE SHEET 1 |  | -    | -   |

D

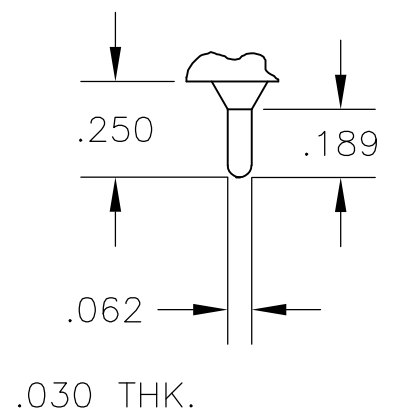


RECOMMENDED  
PCB LAYOUT

AV2 VERTICAL RIGHT ANGLE

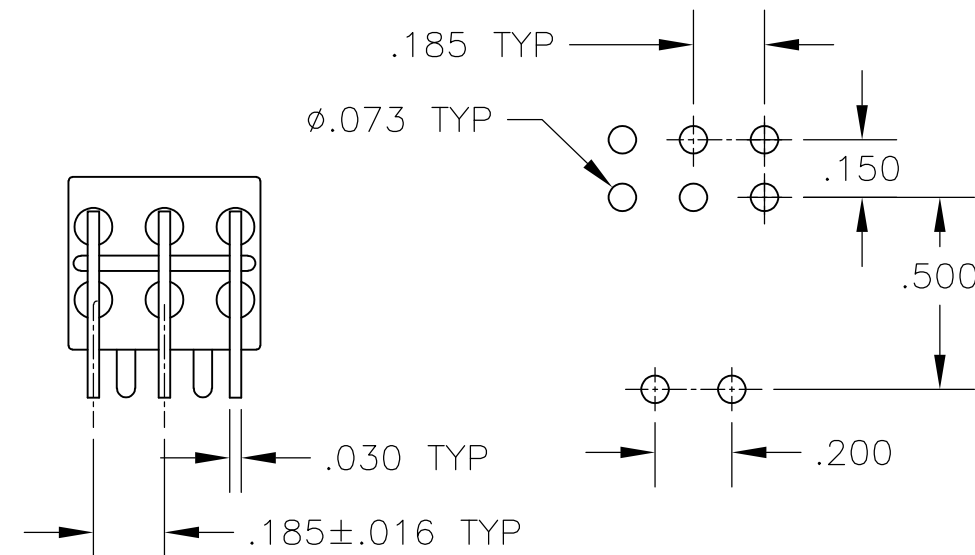
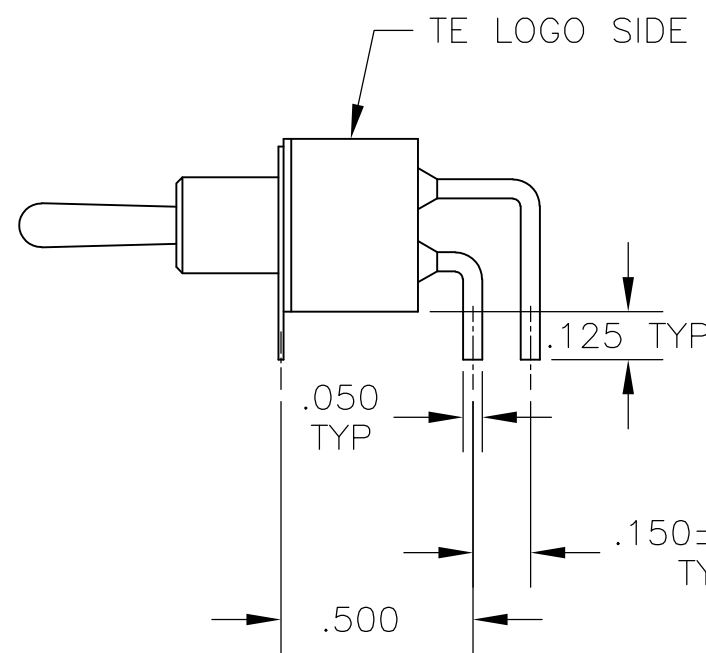
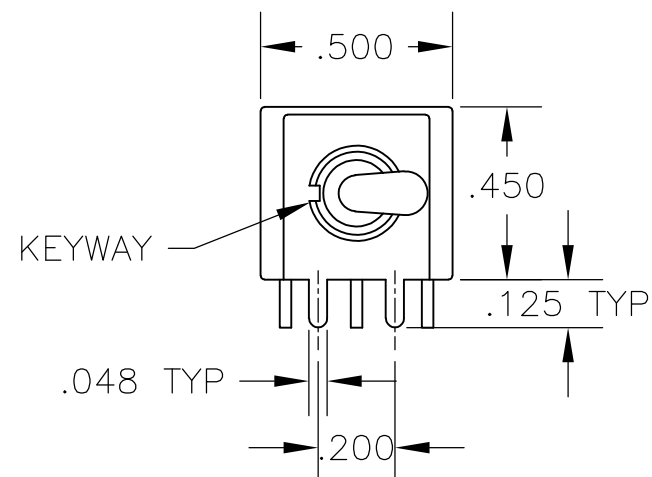


Z WIRE LUG



Z3 QUICK CONNECT

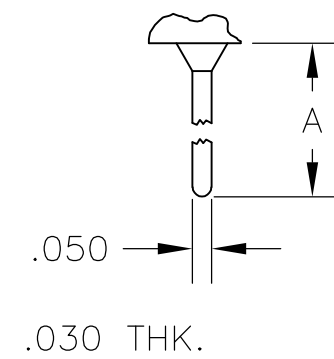
C



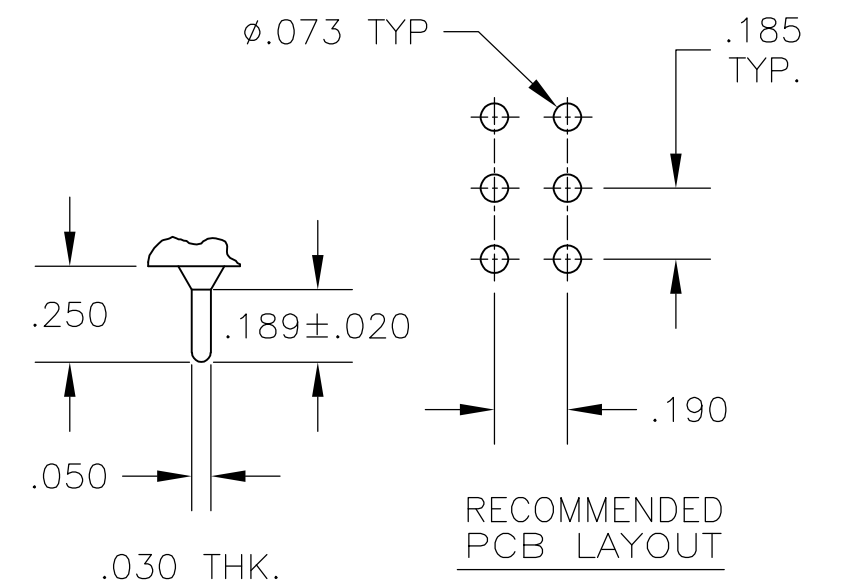
RECOMMENDED  
PCB LAYOUT

A RIGHT ANGLE

| OPTION | DIM A |
|--------|-------|
| W      | .736  |
| W4     | 1.062 |

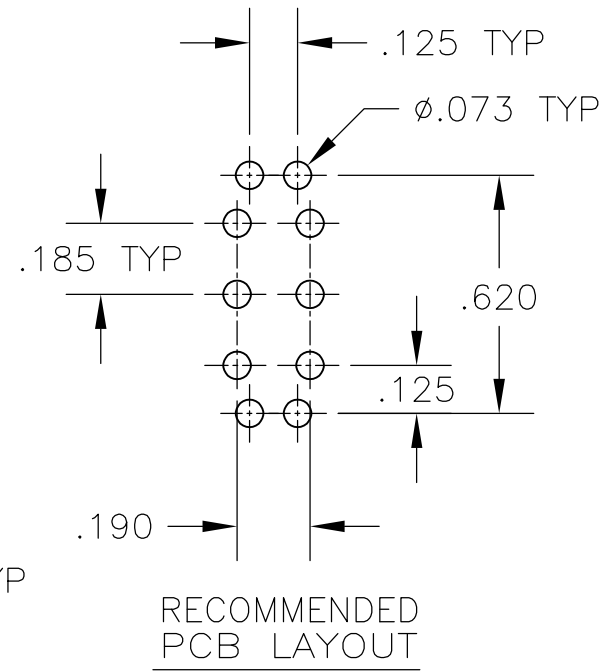
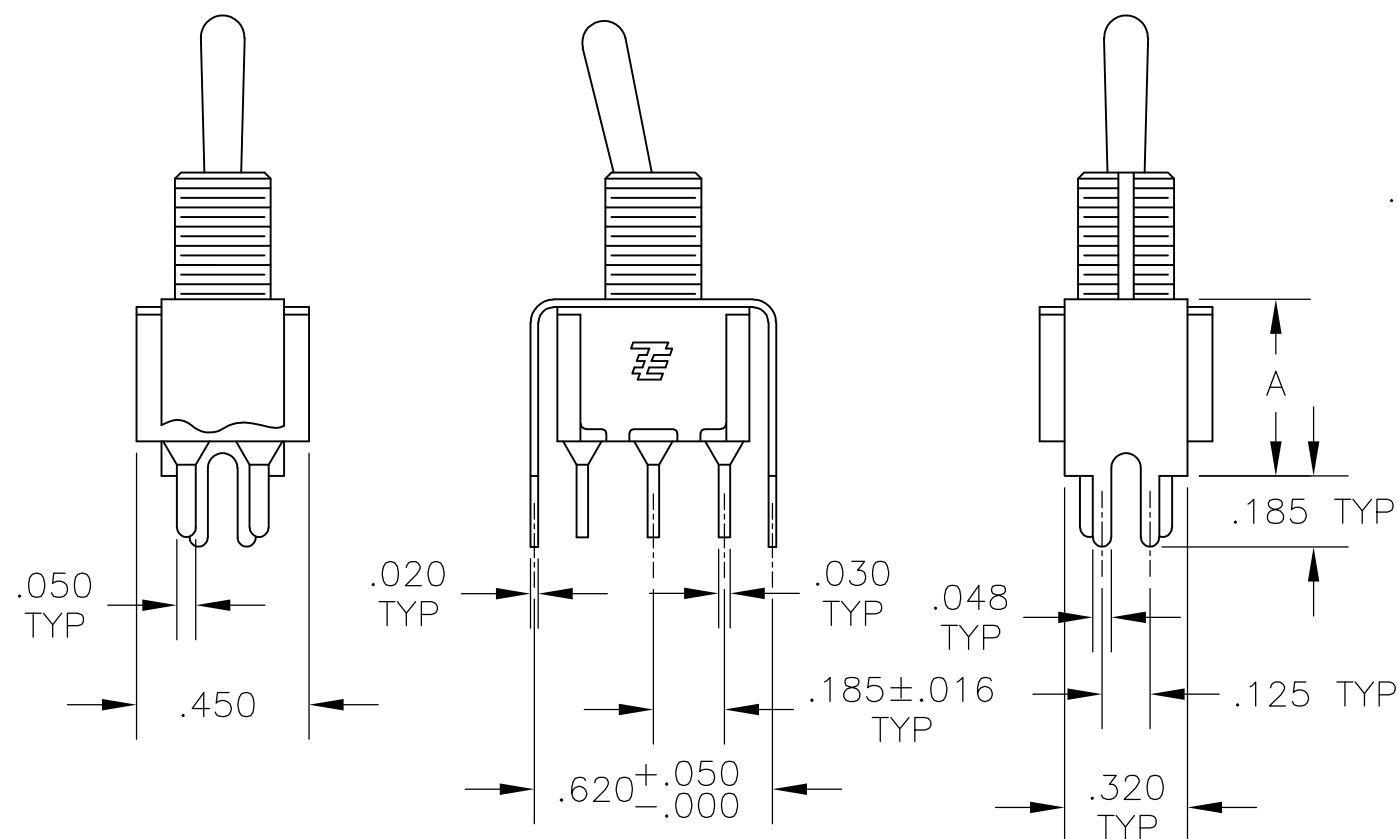


W W4 WIRE WRAP



C PRINTED CIRCUIT

B

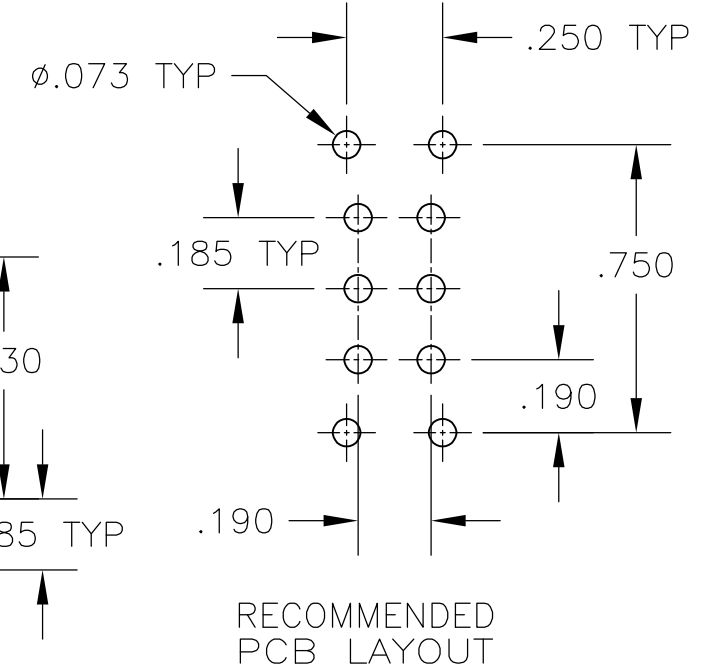
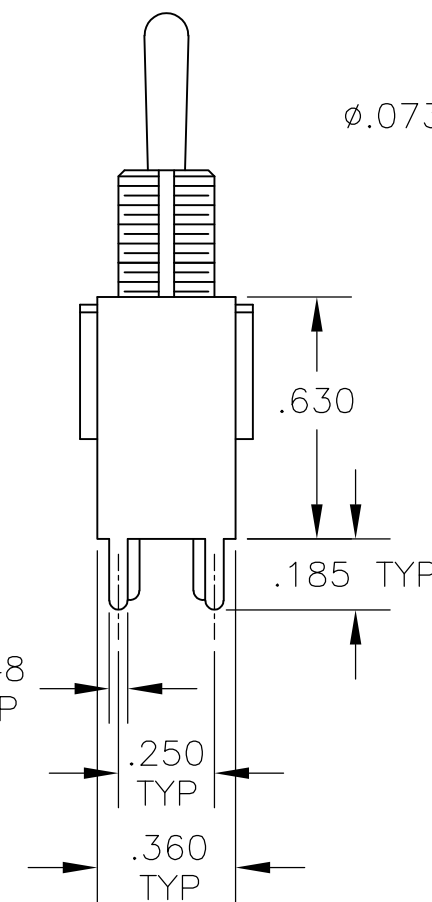
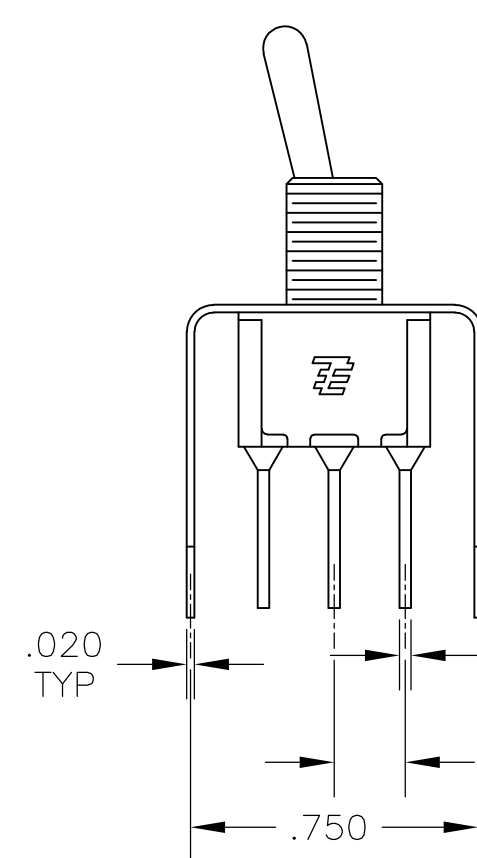
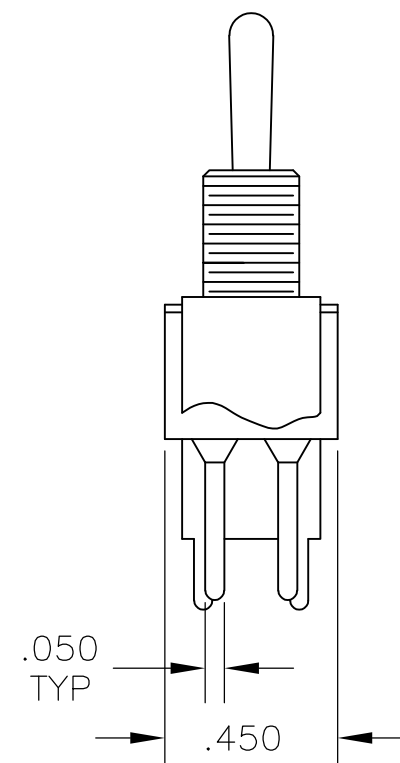


| OPTION | DIM A |
|--------|-------|
| V30    | .460  |
| V40    | .630  |

V30 V40 VERTICAL SUPPORT BRACKET

V70

VERTICAL SUPPORT BRACKET



A

|                                                                                                  |  |  |                  |  |         |  |                                                                                                                 |  |           |  |                                                                                                           |  |  |  |
|--------------------------------------------------------------------------------------------------|--|--|------------------|--|---------|--|-----------------------------------------------------------------------------------------------------------------|--|-----------|--|-----------------------------------------------------------------------------------------------------------|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                           |  |  | DWN<br>M. ZITTO  |  | 14APR05 |  | <div>TE Connectivity</div> |  |           |  |                                                                                                           |  |  |  |
| DIMENSIONS:<br><br>INCHES                                                                        |  |  | CHK<br>M. ZITTO  |  | —       |  |                                                                                                                 |  |           |  | NAME<br><br>GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE,<br>3 POSITION FUNCTIONS (03, 05, 07, 11, 13 & 15) |  |  |  |
|                                                                                                  |  |  | APVD<br>M. ZITTO |  | —       |  |                                                                                                                 |  |           |  |                                                                                                           |  |  |  |
| <div></div> |  |  | PRODUCT SPEC     |  | —       |  | SIZE<br>CAGE CODE<br>DRAWING NO<br>RESTRICTED TO                                                                |  |           |  |                                                                                                           |  |  |  |
|                                                                                                  |  |  | APPLICATION SPEC |  | —       |  |                                                                                                                 |  |           |  |                                                                                                           |  |  |  |
|                                                                                                  |  |  | —                |  | —       |  |                                                                                                                 |  |           |  |                                                                                                           |  |  |  |
|                                                                                                  |  |  | WEIGHT           |  | —       |  |                                                                                                                 |  |           |  |                                                                                                           |  |  |  |
|                                                                                                  |  |  | CUSTOMER DRAWING |  |         |  |                                                                                                                 |  |           |  |                                                                                                           |  |  |  |
| MATERIAL<br><br>—                                                                                |  |  | FINISH<br><br>—  |  | A2      |  | 00779                                                                                                           |  | C=1825139 |  | —                                                                                                         |  |  |  |
|                                                                                                  |  |  |                  |  | SCALE   |  | 2:1                                                                                                             |  | SHEET     |  | 3 of 4                                                                                                    |  |  |  |
|                                                                                                  |  |  |                  |  |         |  |                                                                                                                 |  | REV       |  | A3                                                                                                        |  |  |  |

|     |      |           |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| LOC | DIST | REVISIONS |     |             |      |     |      |
| AD  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      |           | —   | SEE SHEET 1 | —    | —   | —    |

| RECOMMENDED PANEL CUT-OUTS |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                     |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BUSHING SIZE               | WITHOUT LOCKING RING                                                                                                                                                                                                                                             | WITH STANDARD LOCKING RING                                                                                                                                                                                                                                                          |
| 1/4                        | <p>Technical drawing of a 1/4 inch bushing without a locking ring. The drawing includes a top view showing a circular cross-section with a diameter of .234. The side view shows a circular cross-section with a diameter of .250 and a thickness of .022.</p>   | <p>Technical drawing of a 1/4 inch bushing with a standard locking ring. The drawing includes a top view showing a large circular cross-section with a diameter of .250 and a small circular cross-section with a diameter of .094. The distance between the centers is .240.</p>   |
| 15/32                      | <p>Technical drawing of a 15/32 inch bushing without a locking ring. The drawing includes a top view showing a circular cross-section with a diameter of .469. The side view shows a circular cross-section with a diameter of .065 and a thickness of .031.</p> | <p>Technical drawing of a 15/32 inch bushing with a standard locking ring. The drawing includes a top view showing a large circular cross-section with a diameter of .469 and a small circular cross-section with a diameter of .150. The distance between the centers is .378.</p> |

| MATERIALS CHART        |                           |                  |
|------------------------|---------------------------|------------------|
| COMPONENT NAME         | BASE MATERIAL             | FINISH           |
| CASE                   | DAP, RED, UL94 V-0        |                  |
| FRAME                  | STAINLESS STEEL           |                  |
| B TERMINALS & CONTACTS | COPPER                    | GOLD OVER NICKEL |
| G TERMINALS & CONTACTS | COPPER                    | GOLD OVER SILVER |
| Q TERMINALS & CONTACTS | COPPER                    | .000400 SILVER   |
| ACTUATOR               | PHENOLIC, BLACK, UL94 V-1 |                  |
| LEVER                  | BRASS                     | CHROME           |
| BUSHING                | BRASS                     | NICKEL           |
| SPRING                 | MUSIC WIRE                |                  |
| SUPPORT BRACKET        | BRASS                     | TIN              |
| PIVOT PIN              | STEEL                     | NICKEL           |
| LOCK WASHER            | STAINLESS STEEL           |                  |
| LOCKING RING           | STAINLESS STEEL           |                  |
| NUTS                   | C3604BD BRASS             | NICKEL           |
| TERMINAL SEAL          | EPOXY                     |                  |

|                                                                                       |  |                                           |  |                  |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|--|------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>M. ZITTO                           |  | 14APR05          |  |  TE Connectivity |  |
|                                                                                       |  | CHK<br>M. ZITTO                           |  | -                |  |                                                                                                       |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | APVD<br>M. ZITTO |  | NAME                                                                                                  |  |
|  |  | 0 PLC ± -                                 |  | PRODUCT SPEC     |  | GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE,<br>3 POSITION FUNCTIONS (03, 05, 07, 11, 13 & 15)         |  |
|                                                                                       |  | 1 PLC ± -                                 |  | -                |  |                                                                                                       |  |
|                                                                                       |  | 2 PLC ± -                                 |  | APPLICATION SPEC |  |                                                                                                       |  |
|                                                                                       |  | 3 PLC ± .010                              |  | -                |  |                                                                                                       |  |
|                                                                                       |  | 4 PLC ± -                                 |  | -                |  | SIZE                                                                                                  |  |
|                                                                                       |  | ANGLES ± 2°                               |  | WEIGHT -         |  | CAGE CODE                                                                                             |  |
| MATERIAL -                                                                            |  | FINISH -                                  |  | CUSTOMER DRAWING |  | DRAWING NO                                                                                            |  |
|                                                                                       |  |                                           |  |                  |  | RESTRICTED TO                                                                                         |  |
|                                                                                       |  |                                           |  |                  |  | A2 00779 C-1825139                                                                                    |  |
|                                                                                       |  |                                           |  |                  |  | SCALE 3:1                                                                                             |  |
|                                                                                       |  |                                           |  |                  |  | SHEET 4 of 4                                                                                          |  |
|                                                                                       |  |                                           |  |                  |  | REV A3                                                                                                |  |

1825139



A