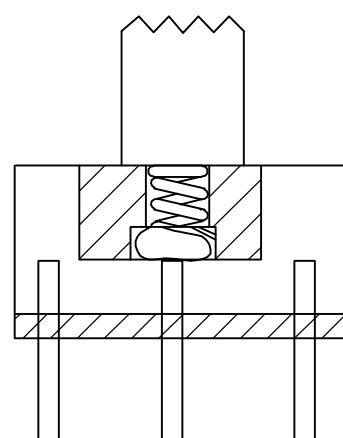
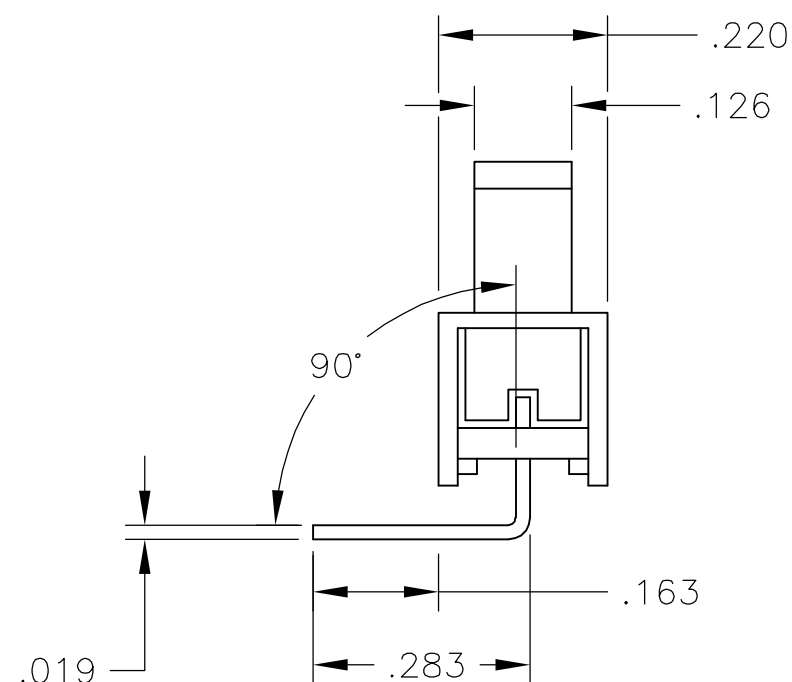
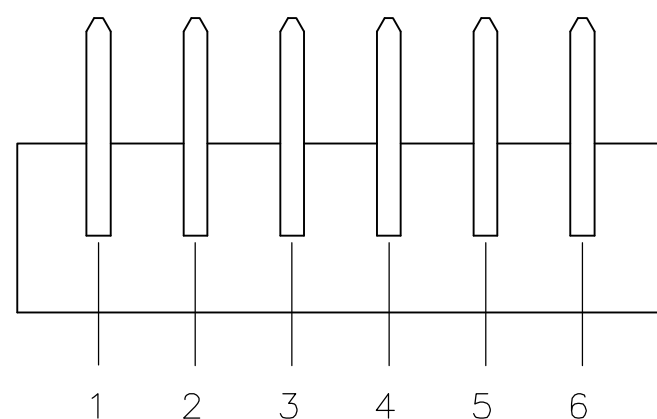
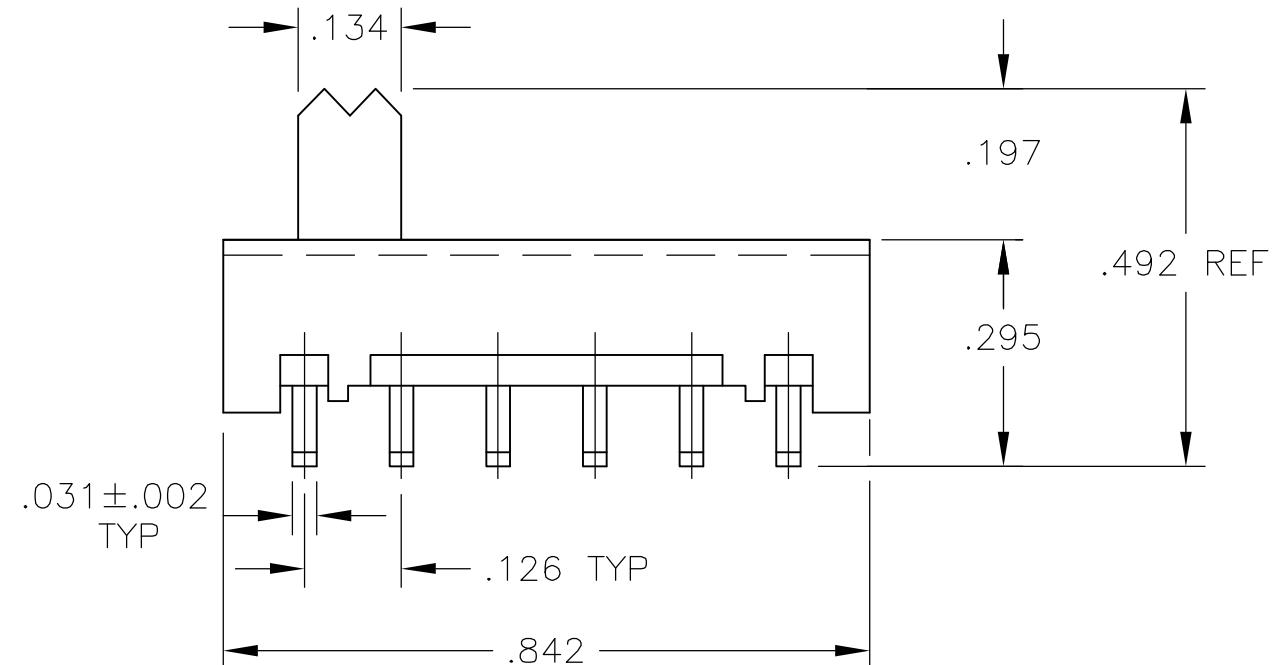
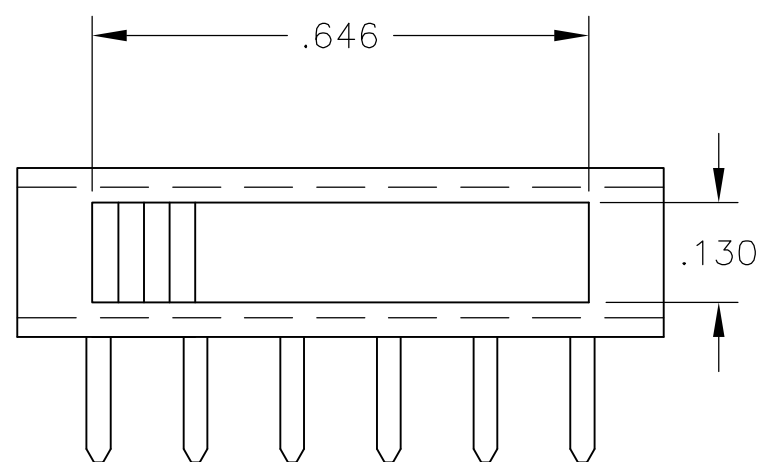


### RECOMMENDED HOLE LAYOUT

SPECIFICATIONS:  
BREAK BEFORE MAKE

MATERIALS:

FRAME: STEEL,ZINC PLATE  
ACTUATOR: PBT,UL94HB,BLACK  
TERMINAL/FIXED CONTACT: COPPER ALLOY, AG OVER NI  
OR AU OVER NI PLATE.  
MOVING CONTACT: COPPER ALLOY, AG OVER NI  
OR AU OVER NI PLATE  
TERMINAL BOARD: PHENOLIC, UL94HB

COIL SPRING: CARBON STEEL WIRE

## ELECTRICAL:

CONTACT RATING, 250MILLIAMPS @ 125V AC,  
150MILLIAMPS @ 12V DC  
CONTACT RESISTANCE, 30 MILLIOHMS MAX (INITIAL),  
60 MILLIOHMS AFTER TEST  
INSULATION RESISTANCE: 500 MEGOHMS MIN.  
DIELECTRIC STRENGTH: 500 VOLTS RMS @SEA LEVEL  
LIFE EXPECTANCY: 10,000 CYCLES MIN. NO LOAD,  
6,000 AT RATED CURRENT.

MECHANICAL:

ACTUATION FORCE, 250 +150/-100 GRAMS  
TRAVEL, .126 (3.20)

ENVIRONMENTAL:

OPERATING TEMPERATURE:  $-10^{\circ}\text{C}$  TO  $+85^{\circ}\text{C}$   
STORAGE TEMPERATURE:  $-10^{\circ}\text{C}$  TO  $+85^{\circ}\text{C}$   
RESISTANCE TO SOLDER HEAT,  $260^{\circ}\text{C}$  FOR 10 SEC  
PER 109-202, CONDITION B  
SOLDERABILITY PER EIA-364-56A, PROCEDURE 3,  
CONDITION B

NOTE:

1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27 JAN2003 (ROHS)
2. ALL PERFORMANCE SPECIFICATIONS WERE TESTED IN ACCORDANCE WITH JIS-C-5441 UNLESS OTHERWISE STATED.

|                   |      |     |      |       |                  |                  |
|-------------------|------|-----|------|-------|------------------|------------------|
| 1-2               | 2-3  | 3-4 | 4-5  | 5-6   | SLS151RA04       | 1825122-1        |
|                   |      |     |      |       |                  |                  |
| LEFT              | LMID | MID | RMID | RIGHT |                  |                  |
| ACTUATOR POSITION |      |     |      |       | ALCO<br>PART NO. | TYCO<br>PART NO. |

|                                                                                       |  |                                           |  |                   |  |                                    |  |                                                           |  |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|--|-------------------|--|------------------------------------|--|-----------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>B S VISWESWARA                     |  | 09MAR05           |  | tyco<br>Electronics                |  | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | CHK<br>M S SARVER |  | APVD                               |  | NAME                                                      |  |
|  |  | 0 PLC ± -                                 |  | PRODUCT SPEC      |  | SLIDE SWITCH, SP5T<br>(SLS 151 RA) |  |                                                           |  |
|                                                                                       |  | 1 PLC ± -                                 |  | —                 |  |                                    |  |                                                           |  |
|                                                                                       |  | 2 PLC ± -                                 |  | APPLICATION SPEC  |  |                                    |  |                                                           |  |
|                                                                                       |  | 3 PLC ± .010                              |  | —                 |  |                                    |  |                                                           |  |
| 4 PLC ± -                                                                             |  | —                                         |  | SIZE              |  | CAGE CODE                          |  | DRAWING NO                                                |  |
| ANGLES                                                                                |  | ± - ± -                                   |  | WEIGHT            |  | A2                                 |  | 00779                                                     |  |
| MATERIAL                                                                              |  | FINISH                                    |  | —                 |  | C-1825122                          |  | RESTRICTED TO                                             |  |
| SEE TABLE                                                                             |  | —                                         |  | CUSTOMER DRAWING  |  | SCALE 4:1                          |  | SHEET 1 OF 1                                              |  |
|                                                                                       |  |                                           |  |                   |  |                                    |  | REV A                                                     |  |

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