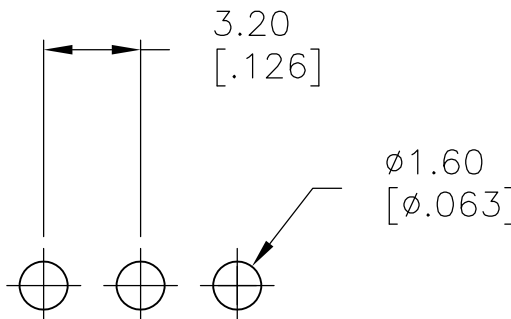
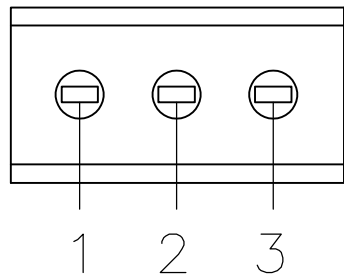
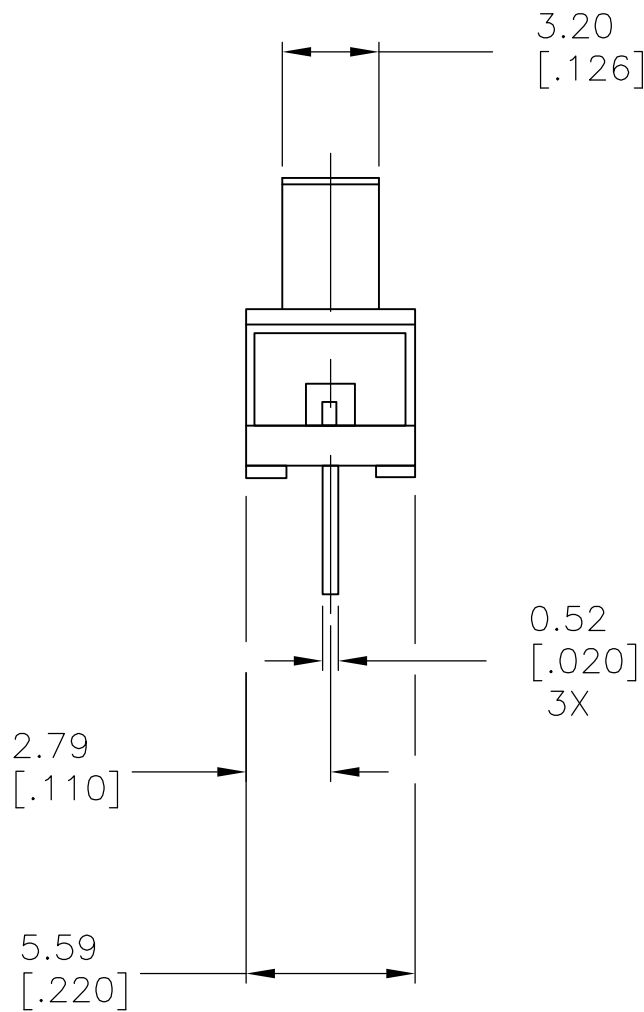
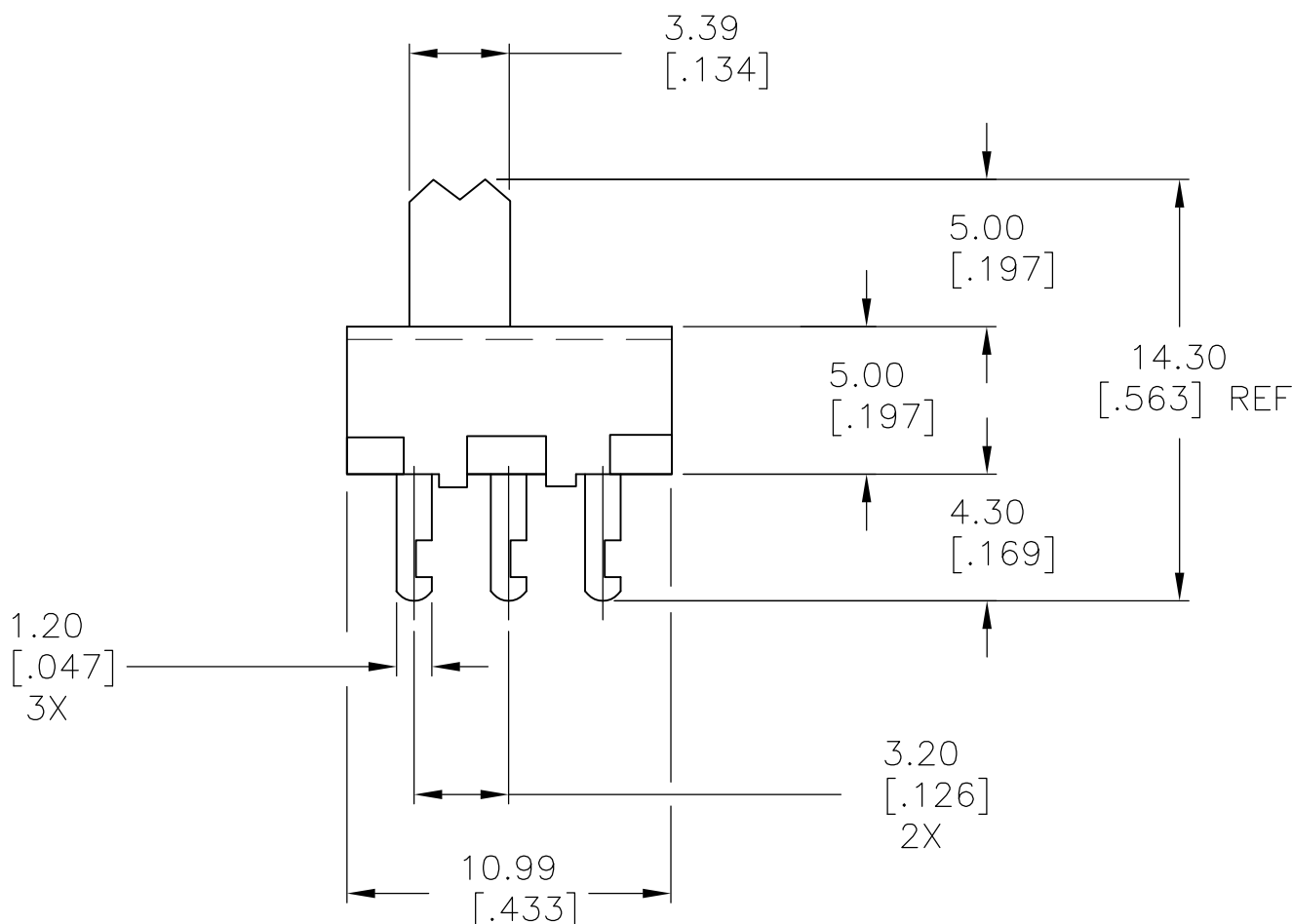
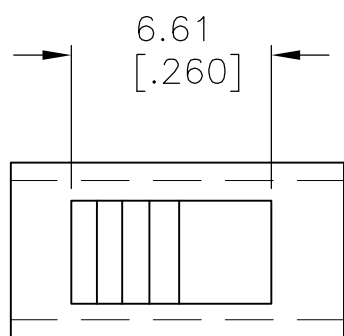




RECOMMENDED HOLE LAYOUT

SPECIFICATIONS:  
BREAK-BEFORE-MAKE

MATERIALS:  
FRAME- STEEL, ZINC PLATE  
ACTUATOR- PBT G30, BLACK  
FIXED CONTACT/TERMINAL- COPPER ALLOY, SILVER OVER NICKEL PLATE  
MOVING CONTACT- COPPER ALLOY, SILVER OVER NICKEL PLATE  
COIL SPRING- STEEL WIRE  
TERMINAL BOARD- PHENOLIC, UL94HB

ELECTRICAL:  
CONTACT RATING- 300 MILLIAMPS@125V AC  
CONTACT RESISTANCE- 30 MILLIOHMS MAX (INITIAL),60 MILLIOHMS AFTER TEST  
INSULATION RESISTANCE- 500 MEGOHMS MIN AT SEA LEVEL  
DIELECTRIC STRENGTH- 500 VAC RMS AT SEA LEVEL  
LIFE EXPECTANCY- 10,000 CYCLES MIN. NO LOAD & 6,000 MIN AT RATED

MECHANICAL:  
ACTUATION FORCE- 350 +/-200 GRAMS  
TRAVEL- .106 (2.69MM)

ENVIRONMENTAL:  
OPERATING TEMPERATURE- -20 TO +85 DEGREES C  
STORAGE TEMPERATURE- -40 TO +100 DEGREES C  
RESISTANCE TO SOLDER HEAT- 260 C FOR 10 SEC PER 109-202, COND. B  
SOLDERABILITY- PER EIA-364-56A, PROCEDURE 3, COND. B

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

|                   |       |                  |                |
|-------------------|-------|------------------|----------------|
| 1-2               | 2-3   | SLS121104        | 1825077-1      |
| LEFT              | RIGHT | ALCO PART NUMBER | TE PART NUMBER |
| ACTUATOR POSITION |       |                  |                |

|                                                                                       |  |                                           |  |                                                     |                                                                                  |                                                           |                                              |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|--|-----------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                           |  | DWN<br>B.S.VISWESWARA<br>CHK<br>M.S.SARVER<br>APP'D | 01MAR05                                                                          | Tyco Electronics Corporation<br>Harriaburg, PA 17105-3608 |                                              |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | NAME                                                | SLIDE SWITCH<br>(SLS-121-1)<br>SPDT W/O TABS                                     |                                                           |                                              |
|  |  | 0 PLC ± —                                 |  | PRODUCT SPEC                                        | SIZE    CAGE CODE    DRAWING NO    RESTRICTED TO<br>A1    00779    C1825077    — |                                                           |                                              |
|                                                                                       |  | 1 PLC ± —                                 |  | APPLICATION SPEC                                    |                                                                                  |                                                           |                                              |
|                                                                                       |  | 2 PLC ± —                                 |  |                                                     |                                                                                  |                                                           |                                              |
|                                                                                       |  | 3 PLC ± —                                 |  |                                                     |                                                                                  |                                                           |                                              |
| 4 PLC ± —                                                                             |  | 0.25±[0.10]                               |  | WEIGHT    —    —                                    |                                                                                  |                                                           |                                              |
| ANGLES                                                                                |  | ± ± —                                     |  |                                                     |                                                                                  |                                                           |                                              |
| FINISH                                                                                |  | —                                         |  | CUSTOMER DRAWING                                    |                                                                                  |                                                           | SCALE    4:1    SHEET    1 OF 1    REV    A1 |
| MATERIAL                                                                              |  | —                                         |  |                                                     |                                                                                  |                                                           |                                              |

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