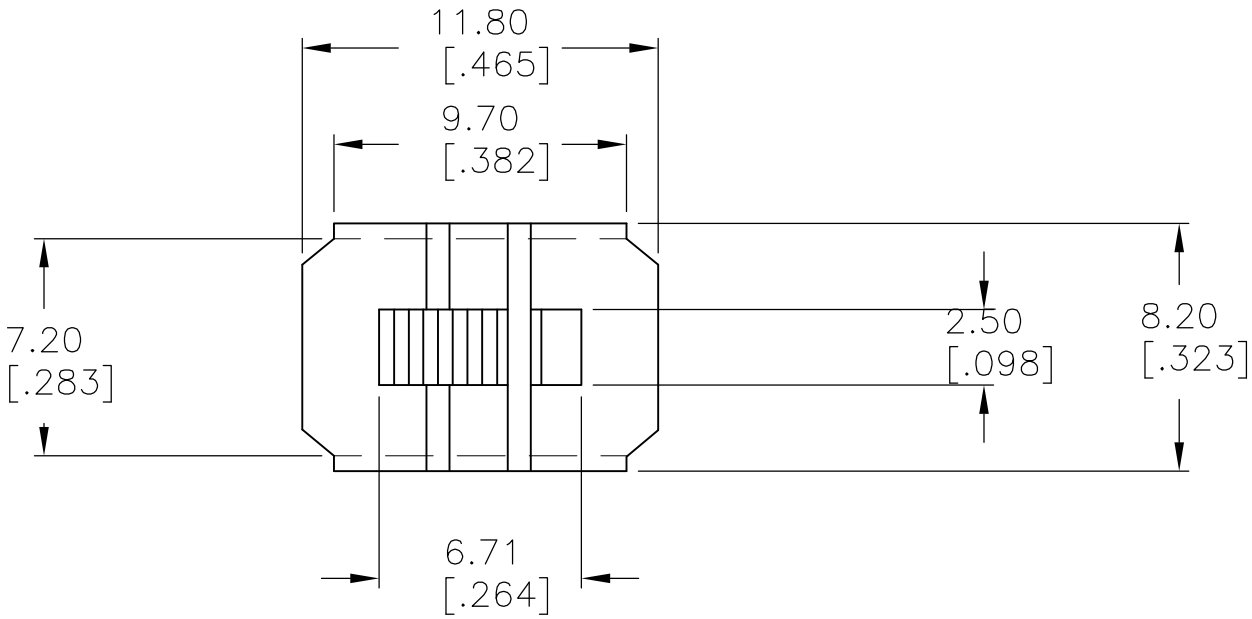
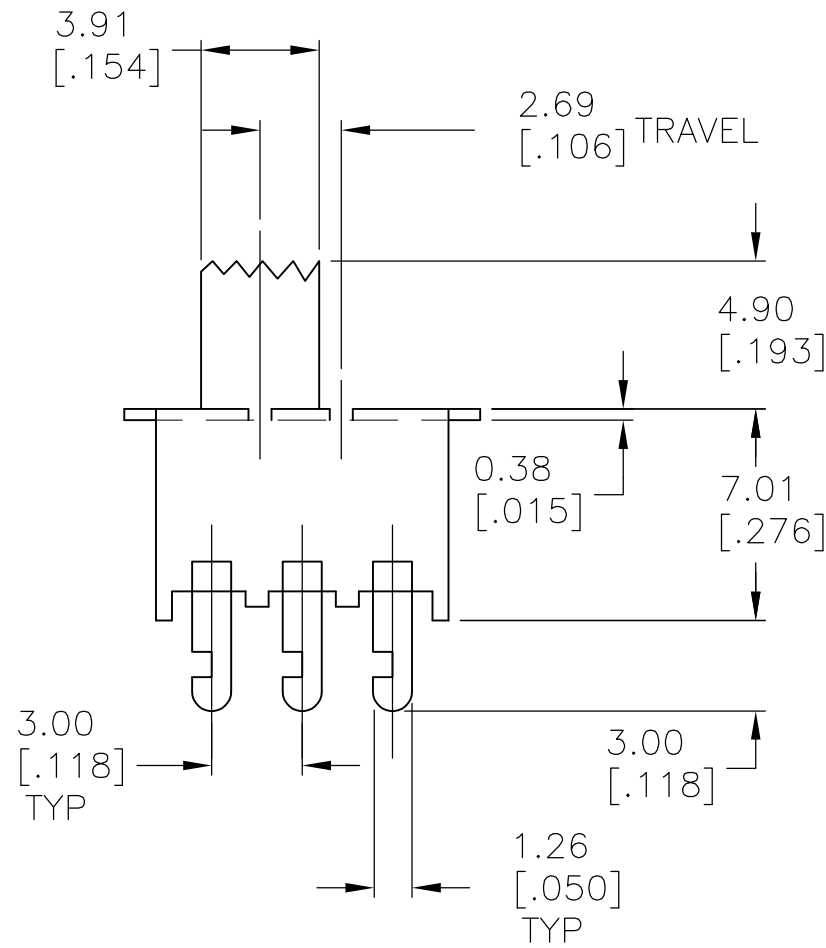


| LOC | DIST | REVISIONS |     |               |         |     |      |
|-----|------|-----------|-----|---------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION   | DATE    | DWN | APVD |
| AD  | OO   |           | B   | ECO-07-016003 | 16OCT07 | MB  | MS   |

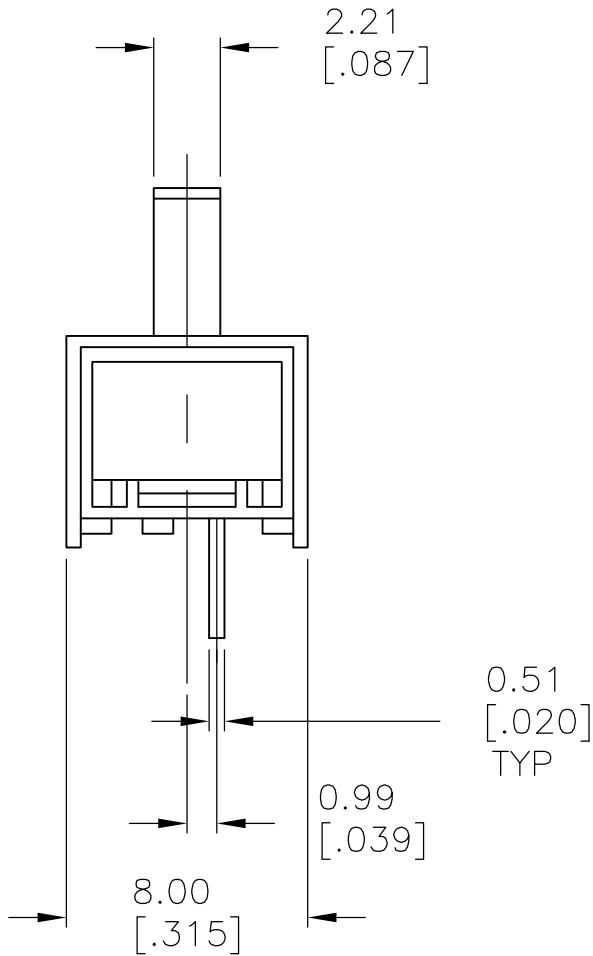
D



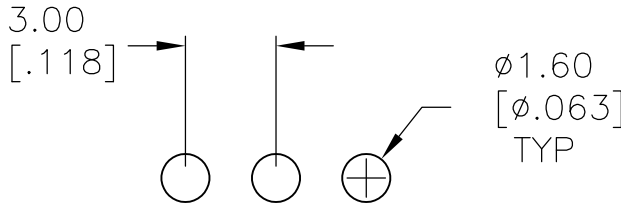
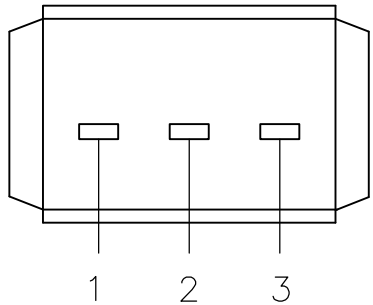
C



B



A



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  
LEAF SPRING-COPPER ALLOY  
TERMINAL BOARD-PHENOLIC, UL94HB

ELECTRICAL:  
CONTACT RATING- 500 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 CURRENT

MECHANICAL:  
ACTUATION FORCE- 350±200 GRAMS  
TRAVEL- 2.69[.106]

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

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

|                   |       |                  |             |
|-------------------|-------|------------------|-------------|
| 1-2               | 2-3   | SLS120104        | 1825075-1   |
| LEFT              | RIGHT | ALCO PART NUMBER | PART NUMBER |
| ACTUATOR POSITION |       |                  |             |

|                                        |  |                                                                                                  |         |                                                           |                        |                         |          |
|----------------------------------------|--|--------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------|------------------------|-------------------------|----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>BS VISWESWARA                                                                             | 01MAR05 | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |                        |                         |          |
| DIMENSIONS:<br>mm [INCHES]             |  | CHK<br>MS SARVER                                                                                 |         | Tyco Electronics<br>SLIDE SWITCH<br>SLS-120-1             |                        |                         |          |
|                                        |  | APVD<br>-                                                                                        |         | RESTRICTED TO                                             |                        |                         |          |
|                                        |  | PRODUCT SPEC<br>-                                                                                |         | SIZE<br>A200779                                           | CAGE CODE<br>C-1825075 | DRAWING NO<br>C-1825075 |          |
| MATERIAL<br>-                          |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                           |         | WEIGHT<br>-                                               | SCALE<br>4:1           | SHEET<br>1 OF 1         | REV<br>B |
|                                        |  | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± 0.50[.020]<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± -<br>FINISH - |         | CUSTOMER DRAWING                                          |                        |                         |          |

D

C

B

A