

SPECIFICATIONS:  
MAKE-BEFORE-BREAK

| LOC | DIST | REVISIONS |     |               |         |     |      |
|-----|------|-----------|-----|---------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION   | DATE    | DWN | APVD |
| AD  | 00   |           | A   | ECO 05 003709 | 23MAR06 | BSV | MS   |

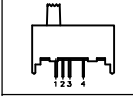
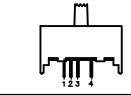
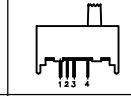
MATERIALS:  
ACTUATOR — NYLON 66 UL94V-0, BLACK  
FRAME — TIN PLATED STEEL  
TERMINAL BOARD — PHENOLIC LAMINATE UL94HB, NATURAL  
TERMINAL (SILVER) — COPPER ALLOY- SILVER OVER NICKEL PLATE  
TERMINAL (GOLD) — COPPER ALLOY- TIN OVER NICKEL PLATE  
FIXED CONTACT (SILVER) — COPPER ALLOY- SILVER OVER NICKEL PLATE  
FIXED CONTACT (GOLD) — COPPER ALLOY-GOLD OVER NICKEL PLATE  
MOVING CONTACT (SILVER) — COPPER ALLOY- SILVER OVER NICKEL PLATE  
MOVING CONTACT (GOLD) — COPPER ALLOY-GOLD OVER NICKEL PLATE  
DETENT BALL — STAINLESS STEEL  
COIL SPRING — TEMPERED STEEL WIRE  
SEAL — EPOXY

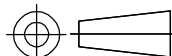
ELECTRICAL:  
CONTACT RATING — .4VA@20VDC OR PEAK AC (GOLD)  
300mA@125V AC (SILVER)  
INITIAL CONTACT RESISTANCE — 30milliohm max.  
FINAL CONTACT RESISTANCE — 100milliohm max> (AFTER TEST)  
INSULATION RESISTANCE — 1,000Megohms min.”  
DIELECTRIC STRENGTH — 500V RMS@SEA LEVEL  
LIFE EXPECTANCY — 15,000 CYCLES MIN.”

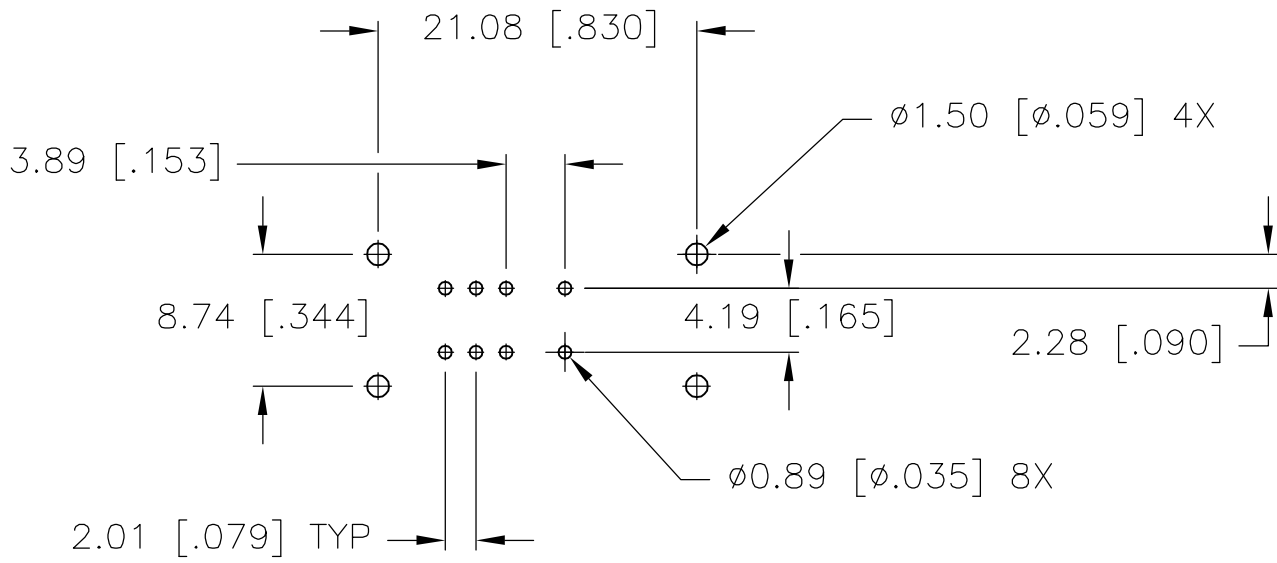
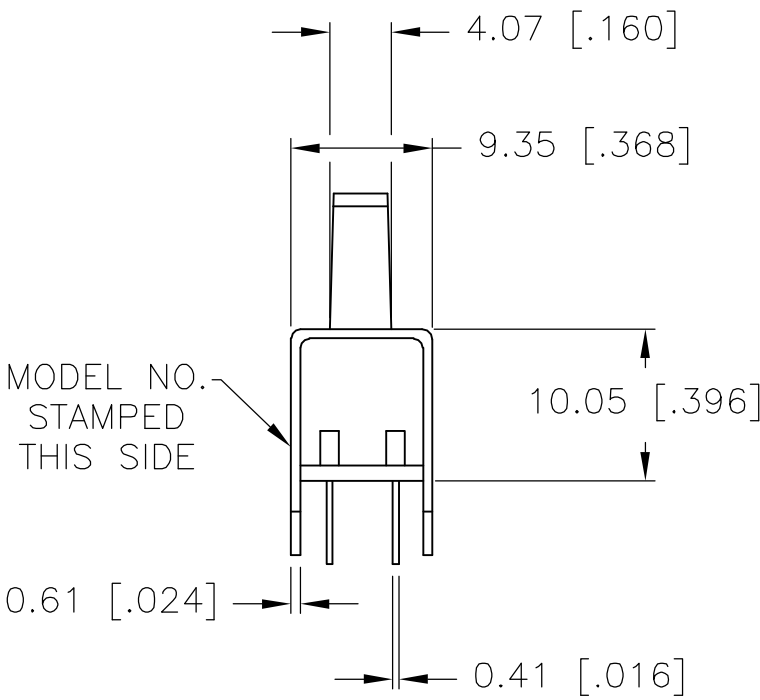
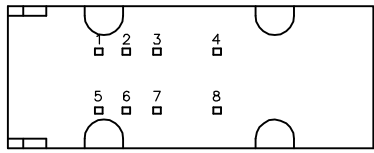
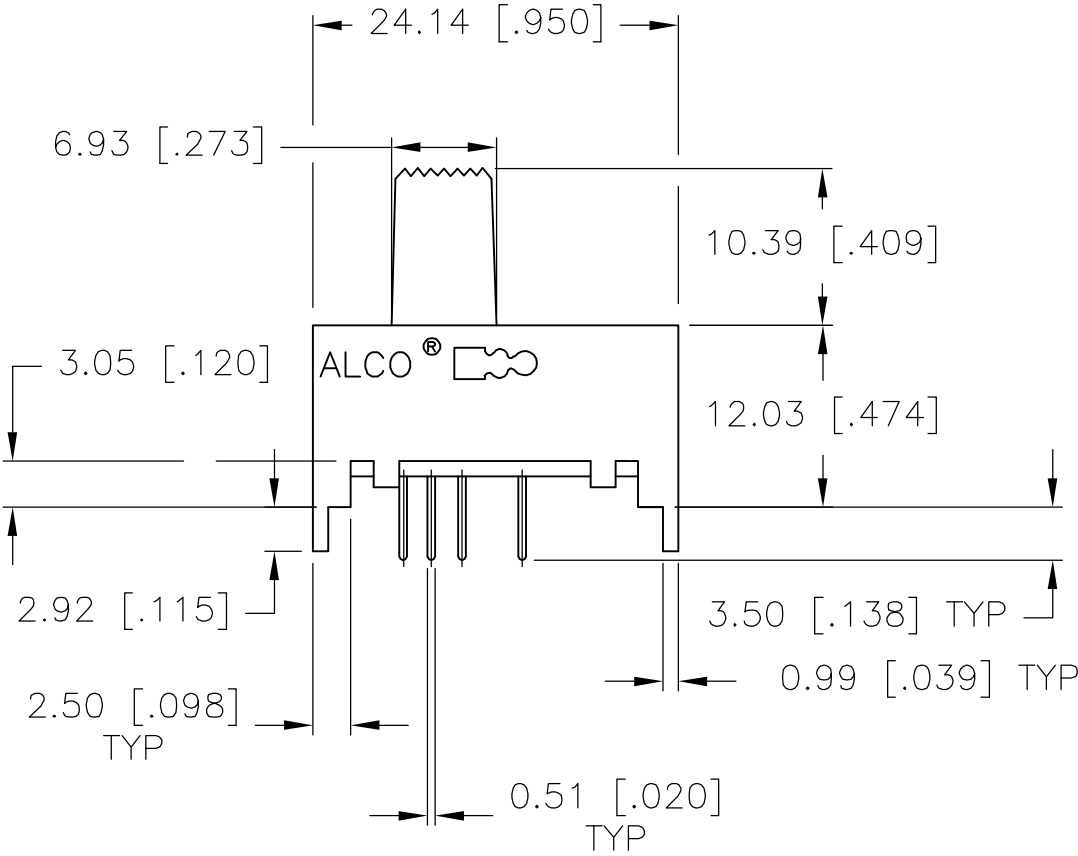
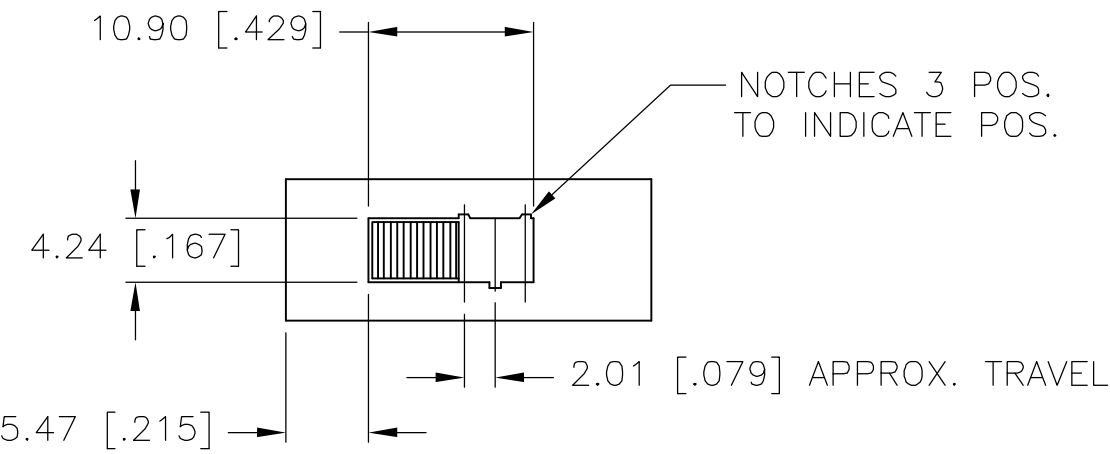
MECHANICAL:  
ACTUATION FORCE — 600±300 GRAMS  
TRAVEL — 2.00±0.51[.079±.020]

ENVIRONMENTAL:  
OPERATING TEMPERATURE — -20 TO +85 DEGREES C  
STORAGE TEMPERATURE — -40 TO +100 DEGREES C  
RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B  
SOLDERABILITY PER EIA- 364-52, CLASS 2, CATEGORY 1, 95% MIN COVERAGE

- NOTES:
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002 95/EC OF 27JAN2003 (ROHS).
  - ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE.

|                                                                                       |                                                                                       |                                                                                       |      |                 |             |           |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------|-----------------|-------------|-----------|
| 1,3&5,7                                                                               | 2,3&6,7                                                                               | 3,4&7,8                                                                               | DP3T | GOLD            | MSSA2350G04 | 1825198-2 |
| 1,3&5,7                                                                               | 2,3&6,7                                                                               | 3,4&7,8                                                                               | DP3T | SILVER          | MSSA235004  | 1825198-1 |
|  |  |  | TYPE | CONTACT PLATING | ALCO P/N    | TYCO P/N  |
| LEFT                                                                                  | CENTER                                                                                | RIGHT                                                                                 |      |                 |             |           |
| ACTUATOR POSITION                                                                     |                                                                                       |                                                                                       |      |                 |             |           |

|                                                                                       |        |                                           |            |                  |  |                                                                                                                        |  |
|---------------------------------------------------------------------------------------|--------|-------------------------------------------|------------|------------------|--|------------------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |        | DWN<br>TRU-D<br>CHK<br>APVD               |            | 20JUN96          |  | <div><div>tyco</div><div>Electronics</div></div> <div>Tyco Electronics Corporation<br/>Harrisburg, PA 17105-3608</div> |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |        | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |            | NAME             |  | SLIDE SWITCH<br>(MSSA-2350)                                                                                            |  |
|  | 0 PLC  | ±                                         | -          | PRODUCT SPEC     |  | SIZE<br>CAGE CODE<br>DRAWING NO<br>RESTRICTED TO                                                                       |  |
|                                                                                       | 1 PLC  | ±                                         | -          | —                |  |                                                                                                                        |  |
|                                                                                       | 2 PLC  | ±                                         | 0.25[.010] | APPLICATION SPEC |  |                                                                                                                        |  |
|                                                                                       | 3 PLC  | ±                                         | -          | —                |  |                                                                                                                        |  |
|                                                                                       | 4 PLC  | ±                                         | -          | —                |  |                                                                                                                        |  |
| MATERIAL                                                                              | FINISH | WEIGHT                                    |            | —                |  | A200779C=1825198                                                                                                       |  |
| SEE SPECIFICATIONS                                                                    |        | SEE SPECIFICATIONS                        |            | CUSTOMER DRAWING |  | SCALE<br>2:1<br>SHEET<br>1 of 1<br>REV<br>A                                                                            |  |



RECOMMENDED HOLE LAYOUT  
TOLERANCE ±.002 UNLESS OTHERWISE NOTED