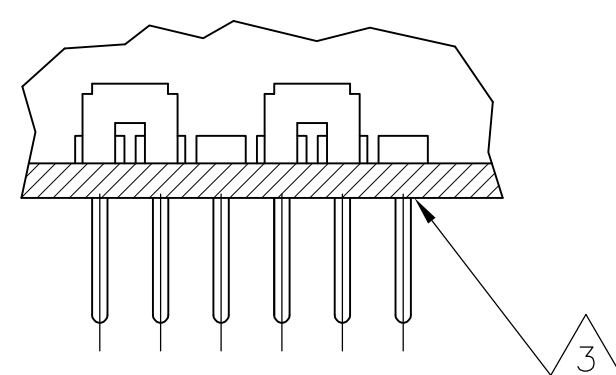
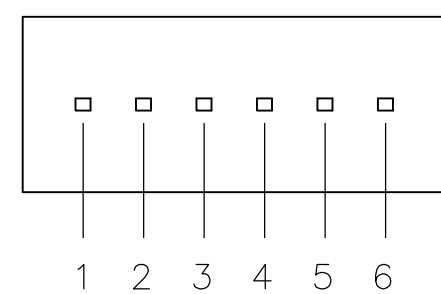
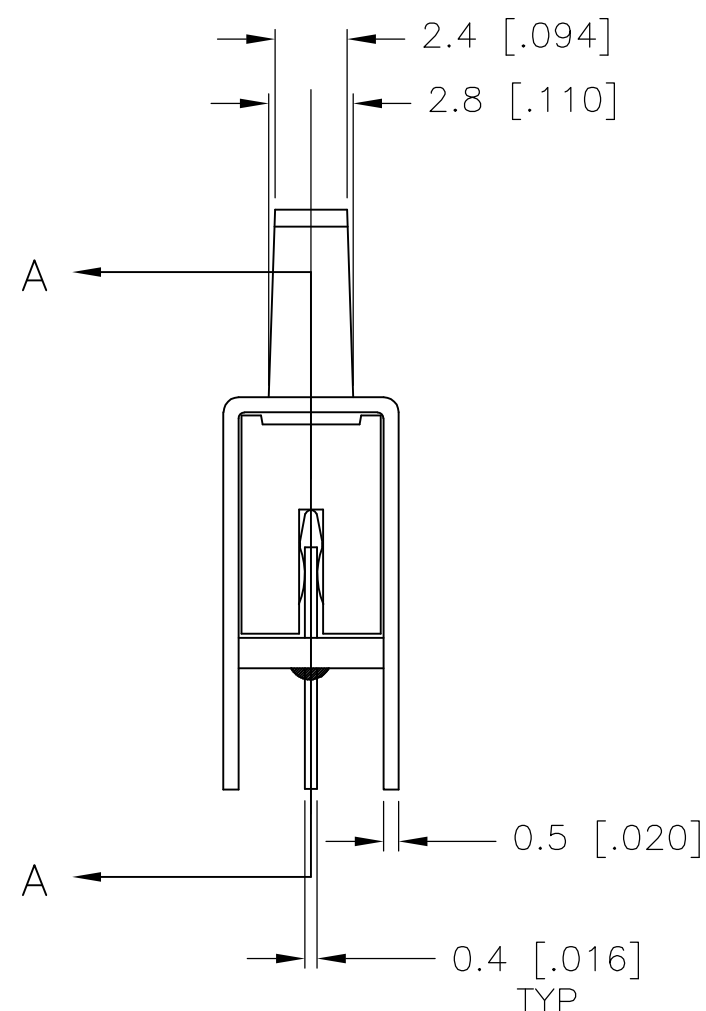
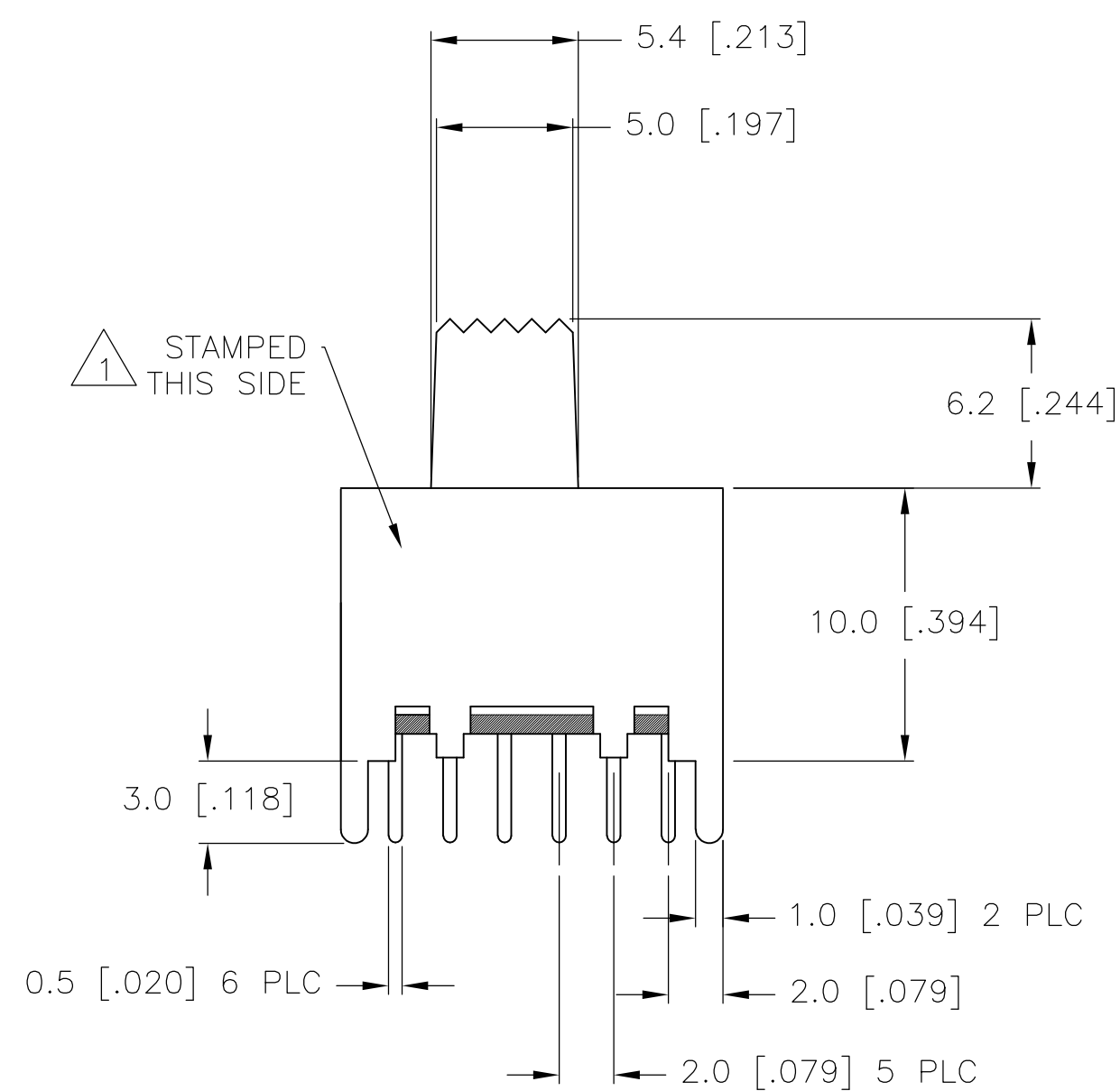
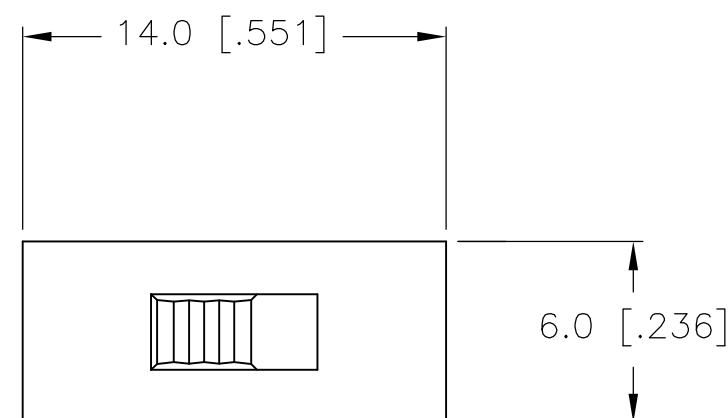
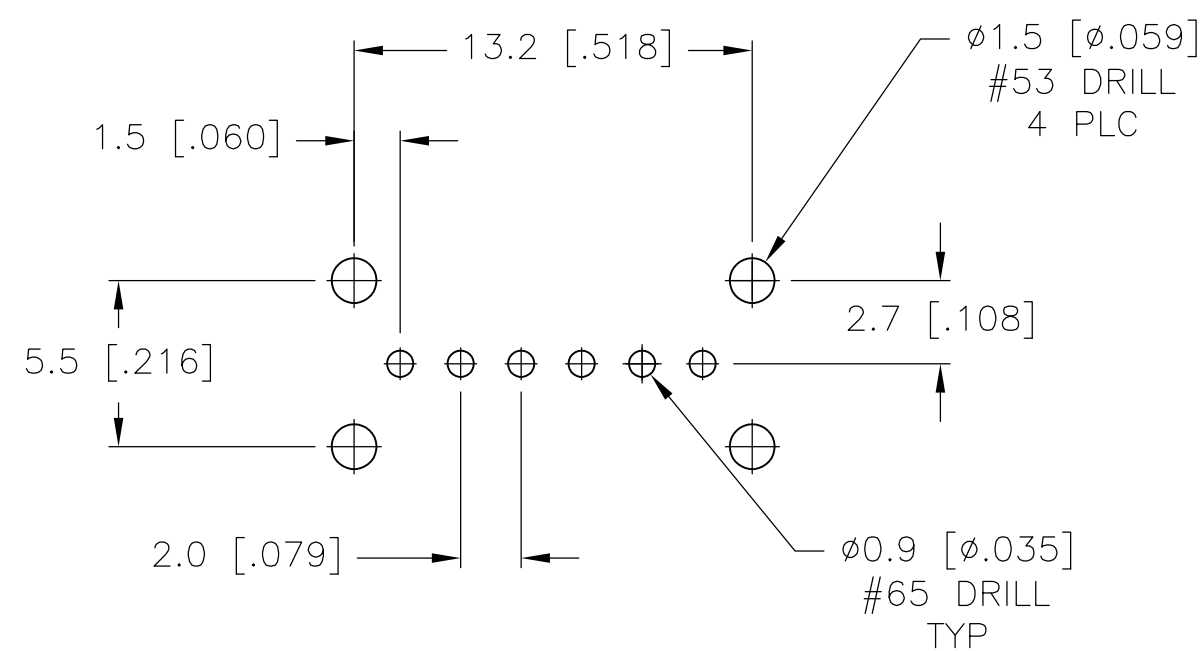


|     |      |           |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
| LOC | DIST | REVISIONS |     |                           |         |     |      |
| AD  | 00   | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|     |      |           | A2  | REVISED PER ECO-10-008611 | 24APR10 | HMR | NE   |



SECTION A-A



## RECOMMENDED BOARD LAYOUT

## SPECIFICATIONS

## MAKE-BEFORE-BREAK

MATERIALS:

ACTUATOR- POM, UL94HB BLACK

TERMINAL BOARD— PHENOLIC LAMINATED SHEET, UL94HB, NATURAL

FRAME— STEEL, NICKEL PLATE

TERMINAL/FIXED CONTACT— COPPER ALLOY, GOLD OR SILVER OVER NICKEL PLATE

MOVING CONTACT— COPPER ALLOY, GOLD OR SILVER OVER NICKLE PLATE

DETENT BALL—STEEL

COIL SPRING— GALVANIZED SPRING WIRE

SEAL- EPOXY

ELECTRICAL:

CONTACT RATING= .4VA@20VDC OR PFAK AC (GOLD): .300mA@125V AC (SILVER)

INITIAL CONTACT RESISTANCE= 30 milliohm max.

FINAL CONTACT RESISTANCE— 100 milliohm max. (AFTER TEST)

INSULATION RESISTANCE— 1,000 Megohms min.

DIELECTRIC STRENGTH- 500V RMS@SEA LEVEL

LIFE EXPECTANCY— 15,000 CYCLES MIN.

MECHANICAL:

ACTUATION FORCE— 600+/-300 GRAMS

$$\text{TRAVEL} = 2.0 \pm /-.50 \text{ } (.079 \pm /-.020)$$

## ENVIRONMENTAL ·

OPERATING TEMPERATURE- -20 TO +85 DEGREES C

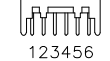
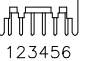
STORAGE TEMPERATURE- -40 TO +100 DEGREES C

RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B

SOLDERABILITY PER EIA-364-52, CLASS 2, CATEGORY 1, 95% MIN COVERAGE

NOTES:

1. COUNTRY OF ORIGIN AND TE LOGO LOCATED APPROXIMATELY AS SHOWN
2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
3. ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE
4. ALL PERFORMANCE TESTING WAS DONE IN ACCORDANCE TO TYCO SPECIFICATION 102-2469
5. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|                                                                                                   |                      |                 |         |                                                                                                                                                                             |  |                  |
|---------------------------------------------------------------------------------------------------|----------------------|-----------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|
| OBSOLETE<br> | 1825262-2            | MSS2225G04      | GOLD    | 2 TO 1<br>5 TO 4                                                                                                                                                            |  | 2 TO 3<br>5 TO 6 |
|                                                                                                   | <del>1825262-1</del> | MSS222504       | SILVER  | 2 TO 1<br>5 TO 4                                                                                                                                                            |  | 2 TO 3<br>5 TO 6 |
| TE<br>PART NO.                                                                                    |                      | T&B<br>PART NO. | PLATING |   |  |                  |
|                                                                                                   |                      |                 |         | TERMINALS CONNECTED WHEN<br>SLIDE IS IN POSITION SHOWN.                                                                                                                     |  |                  |

|                                        |                                                                                                                                                                                                            |                       |                    |                                                                                                                                                 |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                                                                                                                                            | OWN<br>R. BROWN       | 210E005            |  Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |
|                                        |                                                                                                                                                                                                            | CHK<br>M. SERVER      | 210E005            |                                                                                                                                                 |
| DIMENSIONS:<br>mm                      | TOLERANCES, UNLESS<br>OTHERWISE SPECIFIED:<br> 0 PLC ± —<br>2 PLC ± .3 [.012]<br>2 PLC ± —<br>4 PLC ± —<br>ANGLES ± — | APPROVED<br>M. SERVER | 210E005            | NAME<br>SLIDE SWITCH, MSS 2225 SERIES,<br>DP-DT, VERTICAL<br>—                                                                                  |
|                                        |                                                                                                                                                                                                            | PRODUCT SPEC          |                    |                                                                                                                                                 |
|                                        |                                                                                                                                                                                                            | APPLICATION SPEC      |                    |                                                                                                                                                 |
|                                        |                                                                                                                                                                                                            | SIZE                  | CAGE CODE          |                                                                                                                                                 |
| MATERIAL<br>—                          | FINISH<br>—                                                                                                                                                                                                | WEIGHT<br>—           | A1 00779 C=1825262 |                                                                                                                                                 |
|                                        |                                                                                                                                                                                                            | CUSTOMER DRAWING      | SCALE<br>4:1       | SHEET<br>1 of 1                                                                                                                                 |
|                                        |                                                                                                                                                                                                            |                       | REV<br>A           |                                                                                                                                                 |

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