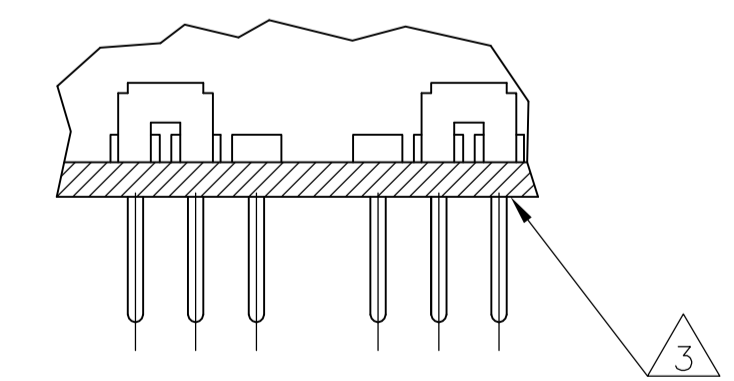
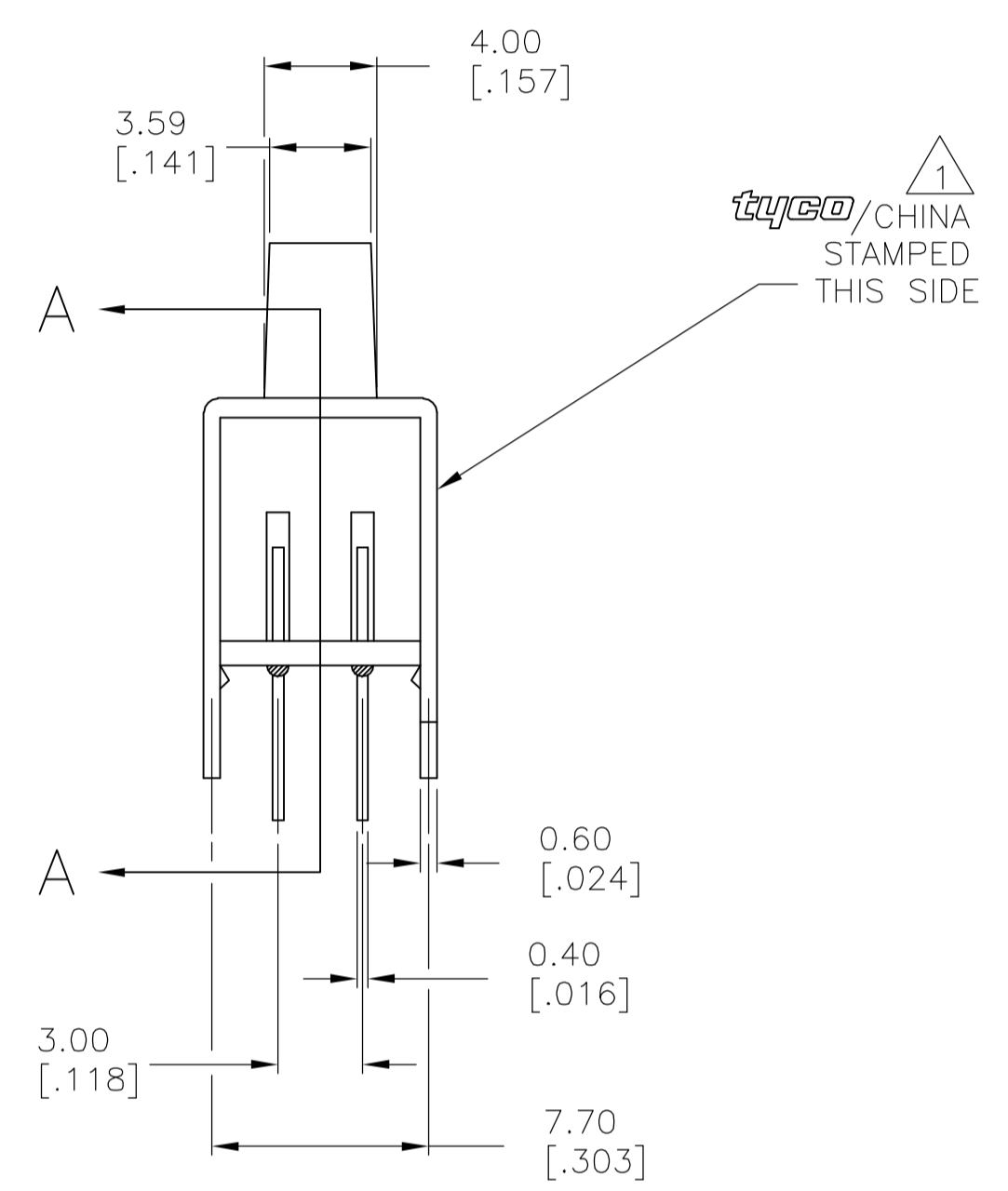


RECOMMENDED BOARD LAYOUT



SECTION A-A

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 NICKEL PLATE
 DETENT BALL- STEEL
 COIL SPRING- GALVANIZED SPRING WIRE
 SEAL- EPOXY

ELECTRICAL:
 CONTACT RATING- .4VA@20VDC OR PEAK 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
 TRAVEL- 2.0 +/-0.50 (.079 +/-0.020)

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:

- MARK PER 202-37 SPECIFICATION, tyco/CHINA MINIMUM REQUIREMENT.
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE.
- ALL PERFORMANCE TESTING WAS DONE IN ACCORDANCE TO TYCO SPECIFICATION 102-2469.

| | | | | | |
|---------------|--------------|---------|---|--|--|
| 1825267-2 | MSS4300G04 | GOLD | 1 TO 2 5 TO 6 9 TO 10 13 TO 14 | 2 TO 3 6 TO 7 10 TO 11 14 TO 15 | 2 TO 4 6 TO 8 10 TO 12 14 TO 16 |
| 1825267-1 | MSS430004 | SILVER | 1 TO 2 5 TO 6 9 TO 10 13 TO 14 | 2 TO 3 6 TO 7 10 TO 11 14 TO 15 | 2 TO 4 6 TO 8 10 TO 12 14 TO 16 |
| TYCO PART NO. | T&B PART NO. | PLATING | | | |

TERMINALS CONNECTED WHEN SLIDE IS IN POSITION SHOWN.

| | | | | | | | |
|--|--|-------------------------------|----------|------------------|--|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DW | R BROWN | 21DEC05 | | Tyco Electronics Corporation Harrisburg, Pa 17105-3608 | |
| DIMENSIONS: mm [INCHES] | | CHK | M SARVER | 21DEC05 | | APVD M SARVER | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC | | APPLICATION SPEC | | NAME | |
| 0 PLC ± - | | SLIDE SWITCH, MSS 4300 SERIES | | SIZE | | CAGE CODE | |
| 1 PLC ± - | | RESTRICTED TO | | DRAWING NO | | WEIGHT | |
| 2 PLC ± 0.3(.012) | | A1 | | 00779 | | 1825267 | |
| 3 PLC ± - | | CUSTOMER DRAWING | | SCALE | | SHEET | |
| 4 PLC ± - | | 4:1 | | 1 of 1 | | REV | |
| ANGLES ± - | | | | | | | |
| FINISH SEE SPECIFICATIONS | | | | | | | |