

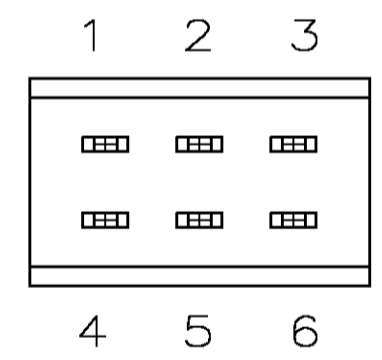
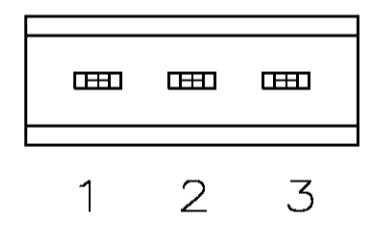
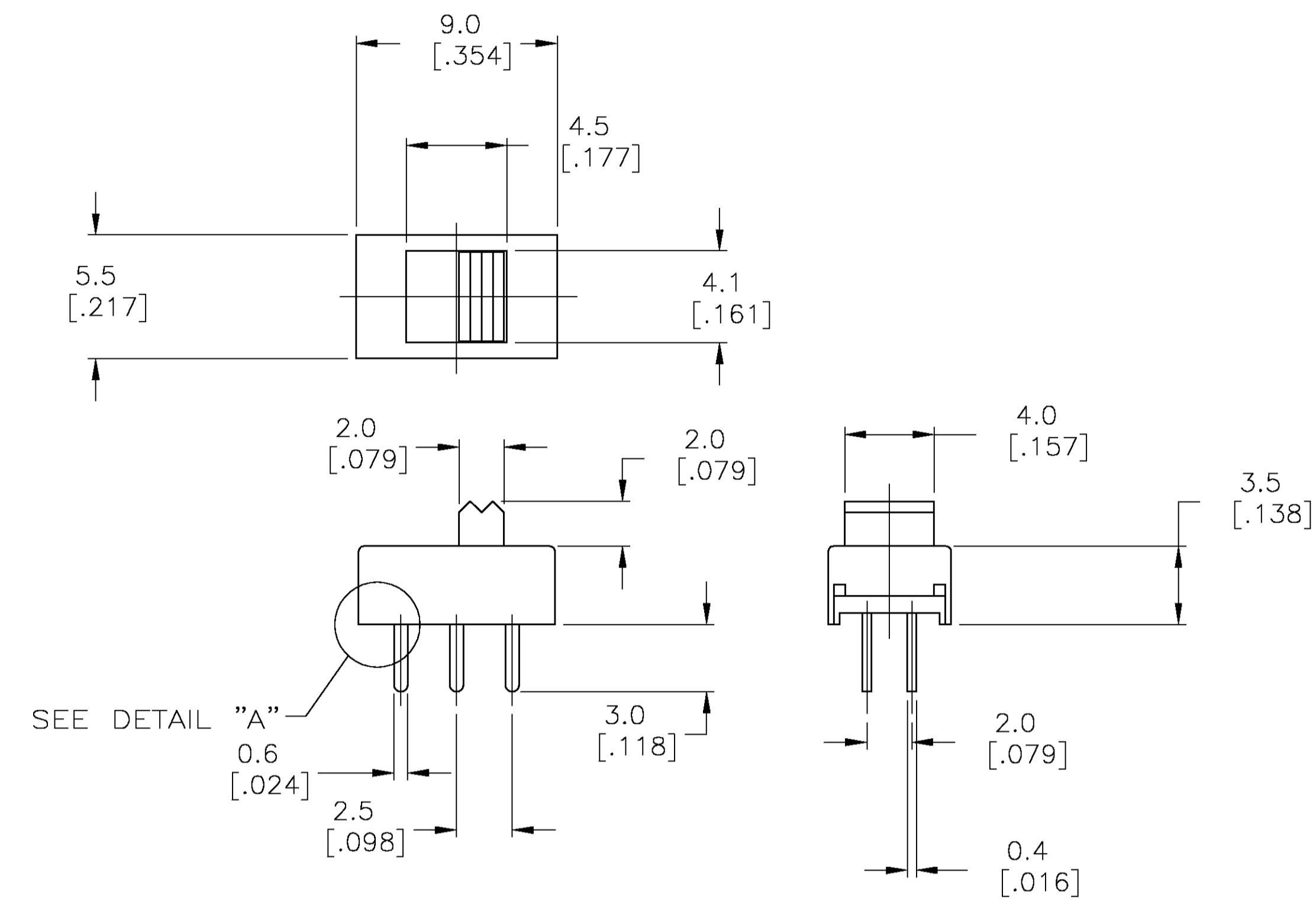
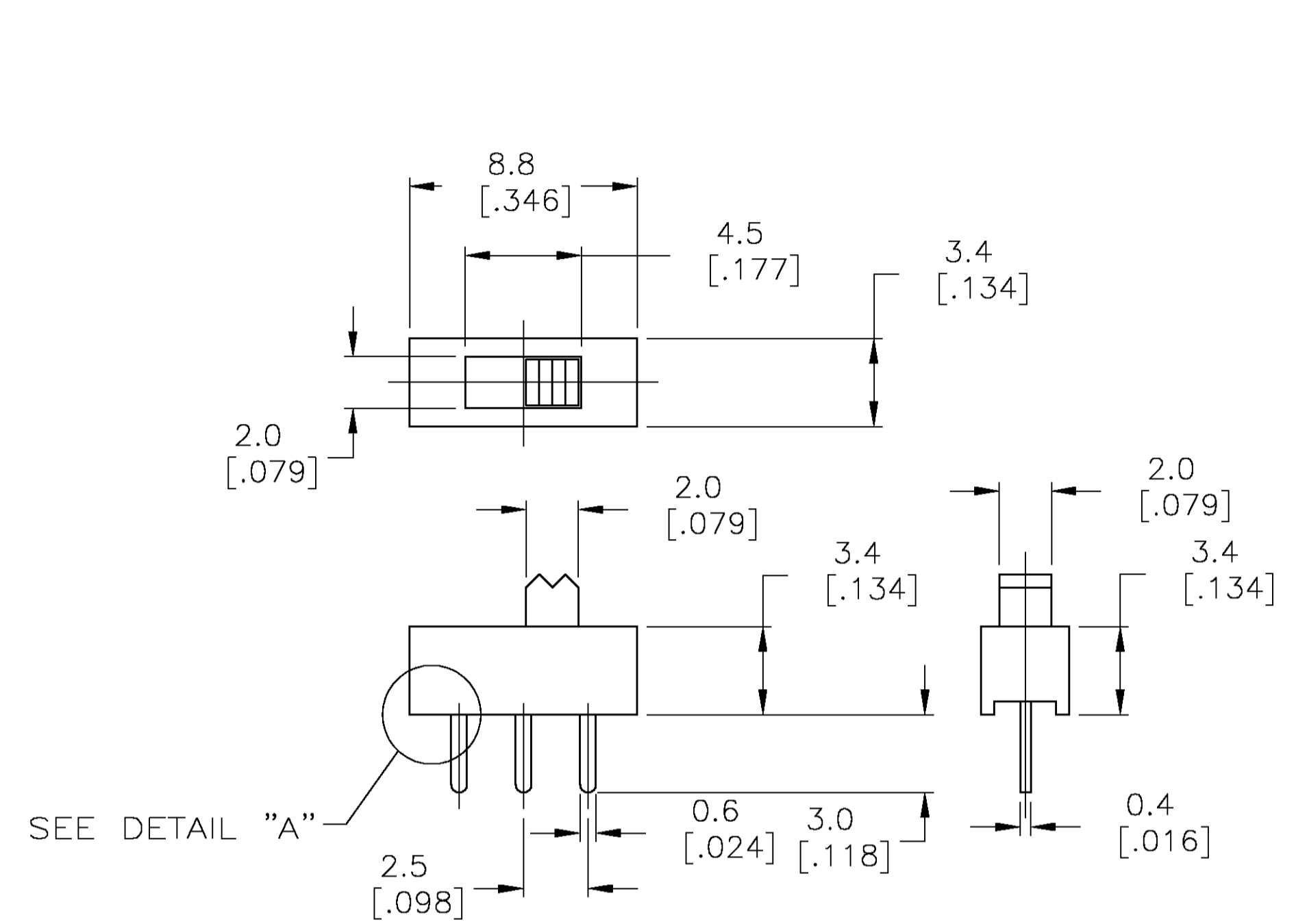
BREAK-BEFORE-MAKE
Specifications:
Materials:
 Case, PPS UL94V-0, Black
 Cover, Polyamide UL94-HB, Black
 Actuator, Polyamide, UL94-HB
 Moving Contact, Copper Alloy-Plate Silver or Gold over Nickel
 Fixed Contact/Terminal, Copper Alloy-Plate Silver or Gold over Nickel

Electrical:
 Contact Rating, (Silver)100mA@30VDC, (Gold) .4VA @ 20V DC, Per EIA-448, Method 6
 Initial Contact resistance, 30 milliohms max, Per EIA-364-23B, each position
 Insulation Resistance, 100 Megohm min. Per EIA-364-21C each position
 Dielectric strength, 500 V AC for 1 minute, Per EIA-364-20B, Condition 1, each position

Mechanical:
 Actuation force, 250 +/-150 grams
 Actuation Travel, .098
 Life Expectancy, 10,000 cycles, Per EIA-448
 Methods 8 and 9 12-15 cycles/min.
 Vibration, Per EIA 364-28D, Condition VII, Level E
 Mechanical Shock, Per EIA-364-27C, Condition A

Environmental:
 Operating Temperature, -20 to +85 degrees C, Per EIA-448, Method 10
 Storage Temperature, -40 to +100 degrees C
 Humidity and Temperature Cycling (Silver), Per EIA-364-31B, Method III
 Mixed Flowing Gas (Gold), Per EIA-364-65A, Class IIIA, 20 days
 Thermal Shock, Per EIA-364-32C, -40 to +100 degrees C
 Solderability, Per EIA-364-52, Class 2, Category 1, 95% Minimum coverage
 Resistance to Solder Heat, Per EIA-364-56A, Procedure 3, Cond. B

1. TESTING TO BE COMPLETED PER 102-2469.

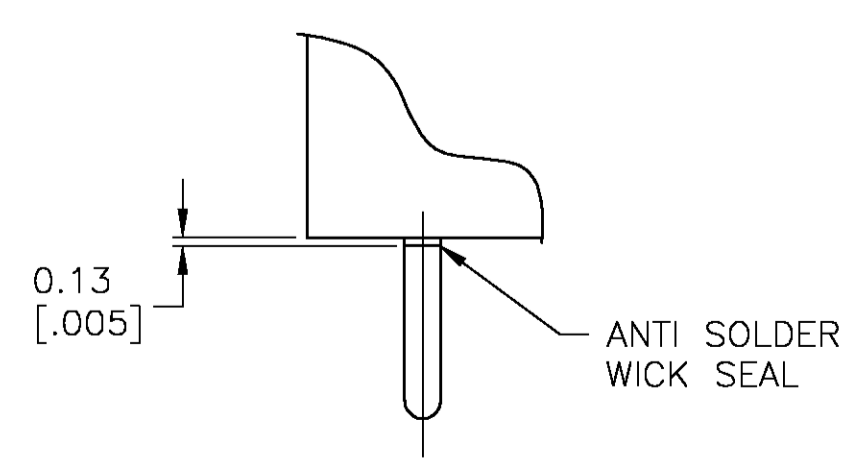


P.C.B. HOLE LAYOUT
 TOLERANCE = ±002

P.C.B. HOLE LAYOUT
 TOLERANCE = ±002

SSA-12

SSA-22



DETAIL "A"
 SCALE 8:1

| | | | | | |
|-----------|----------|------|---------|----------|----------|
| | | | | | |
| 1571981-4 | SSA22G04 | DPDT | GOLD | 1-2, 4-5 | 2-3, 5-6 |
| 1571981-3 | SSA2204 | DPDT | SILVER | 1-2, 4-5 | 2-3, 5-6 |
| | | | | | |
| 1571981-2 | SSA12G04 | SPDT | GOLD | 1-2 | 2-3 |
| 1571981-1 | SSA1204 | SPDT | SILVER | 1-2 | 2-3 |
| TYCO P/N | ALCO P/N | TYPE | PLATING | LEFT | RIGHT |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | | |
|-------------------------|--|-----------------------|-----------------------|------------------------|-------------|
| DIMENSIONS: mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN M. BINNER 23AUG04 | CHK M. SARVER 23AUG04 | APVD M. SARVER 23AUG04 | NAME |
| 0 PLC ± - | 1 PLC ± - | 2 PLC ± - | 3 PLC ± 0.25[.010] | 4 PLC ± - | ANGLES ± 1° |
| MATERIAL | FINISH | WEIGHT | SIZE | CAGE CODE | DRAWING NO |
| | | | A1 | 00779 | 1571981 |
| CUSTOMER DRAWING | | | SCALE | SHEET | REV |
| | | | 5:1 | 1 OF 1 | A |

TYCO Electronics Tyco Electronics Corporation
 Harrisburg, Pa 17105-3608

SLIDE SWITCH, LOW PROFILE
 SSA 12 & 22 Series