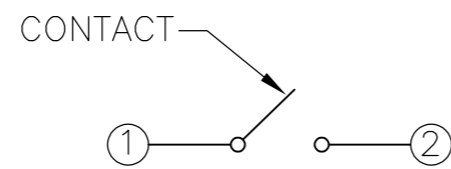
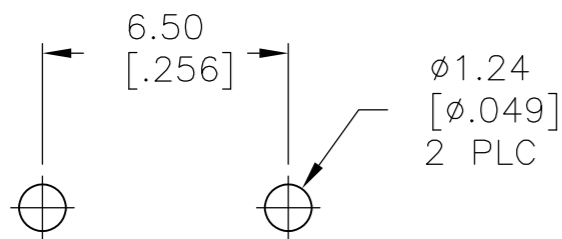
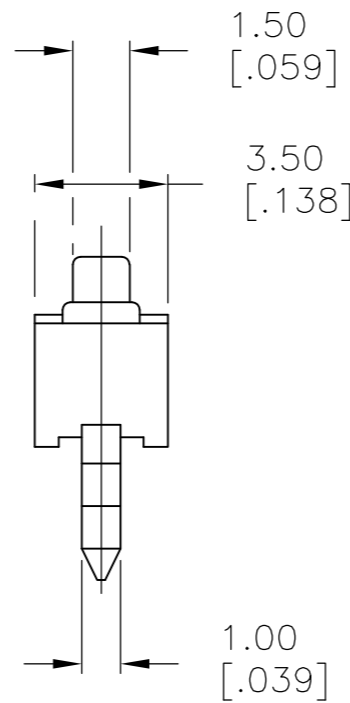
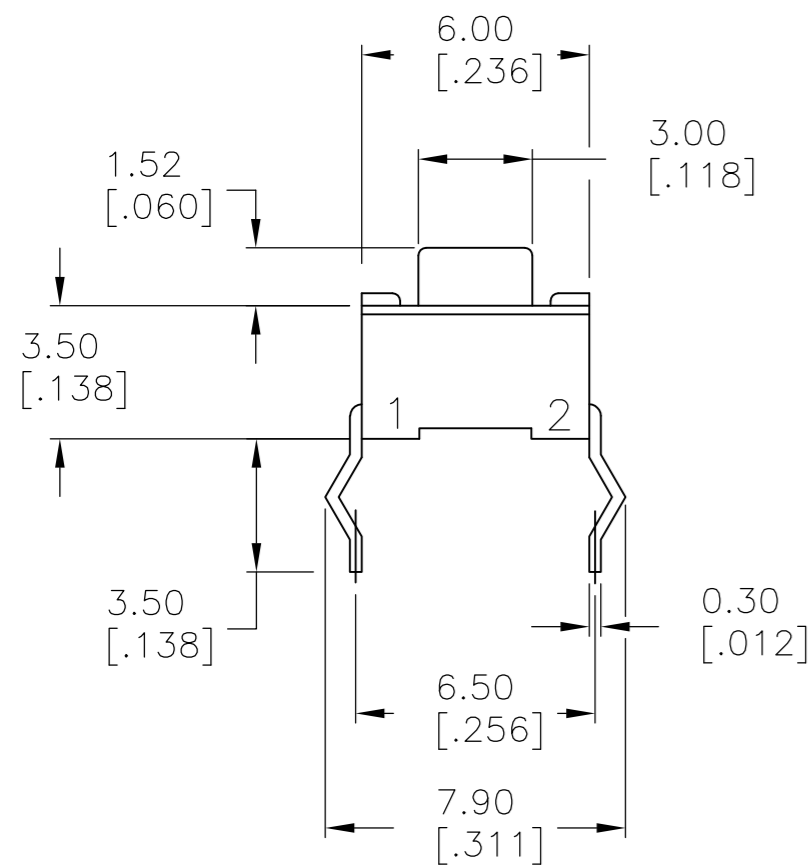
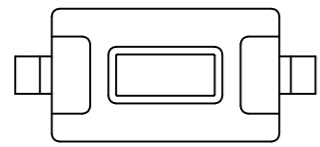


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| LOC | | DIST | | REVISIONS | | | |
|-----|-----|---------------------------|--|-----------|-----|------|--|
| P | LTR | DESCRIPTION | | DATE | DWN | APVD | |
| A1 | | REVISED PER ECO-11-005027 | | 12MAR11 | RK | HMR | |



SPECIFICATIONS:

Materials:
 Case, Nylon 66, UL94HB, Black finish
 Cover, Stainless Steel
 Actuator, PBT UL94HB, Natural
 Moving contact, Copper Alloy, Silver finish
 Fixed contact/Terminal, Copper Alloy, Silver over Nickel finish

Electrical:
 Max Contact Rating, 50mA@ 24V DC, Per EIA-448, Method 6
 Min Contact Rating, 10microamp@1V DC
 Initial Contact resistance, 50 milliohms max, Per EIA-364-23B, each position
 Insulation Resistance, 1000 Megohm min. Per EIA-364-21C each position
 Dielectric strength, 500 V AC for 1 minute, Per EIA-364-20B, Condition 1, each position.
 Life Expectancy, 100,000 cycles

Mechanical:
 Actuation force, SEE P/N TABLE
 Actuation Travel, .25 +.20/-.10 mm
 Life Expectancy, 100,000 cycles min (2 cycles per second and 150% actuation force),
 Per EIA-448 Methods 8 and 9
 Vibration, Per EIA 364-28D, Condition VII, Level E
 Mechanical Shock, Per EIA-364-27C, Condition A

Environmental:
 Operating Temperature, -35 to +85 degrees C, Per EIA-448, Method 10
 Storage Temperature, -35 to +85 degrees C
 Humidity and Temperature Cycling Per EIA-364-31B, Method III
 Thermal Shock, Per EIA-364-32C, -35 to +85 degrees C
 Solderability, Per EIA-364-52, Class 2, Category 1, Temp, 245 degrees C max,
 Time, 2.5 seconds max, 95% Minimum coverage
 Resistance to Solder Heat, Per 109-202, Condition B
 1. No change in initial electrical and mechanical characteristics

RECOMMENDED HOLE LAYOUT

TOLERANCE ±0.05[.002]
 UNLESS OTHERWISE NOTED

CIRCUIT DIAGRAM

NOTE: TERMINAL NUMBERS
 ARE FOR REFERENCE ONLY
 AND DO NOT APPEAR ON
 SWITCHES.

NOTES:

1. ALL MATERAILS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003(ROHS).

| | | |
|-----------------|------------------|-------------|
| 130±50GF | FSMH | 1825965-1 |
| ACTUATION FORCE | ALCO PART NUMBER | PART NUMBER |

| | | | | | | | |
|--|--|------------------|----------|-----------|-----------|------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN | R BROWN | 12FEB2007 | | | |
| DIMENSIONS: | | CHK | M SARVER | 12FEB2007 | | | |
| mm [INCHES] | | APVD | M SARVER | 12FEB2007 | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC | | NAME | | | |
| 0 PLC ± - | | APPLICATION SPEC | | SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
| 1 PLC ± - | | WEIGHT | | A2 | 00779 | C=1825965 | - |
| 2 PLC ± 0.30[.012] | | CUSTOMER DRAWING | | SCALE | 5:1 | SHEET | 1 of 1 |
| 3 PLC ± - | | | | REV | A1 | | |
| 4 PLC ± - | | | | | | | |
| ANGLES ± - | | | | | | | |
| FINISH | | | | | | | |
| SEE SPECIFICATIONS | | | | | | | |