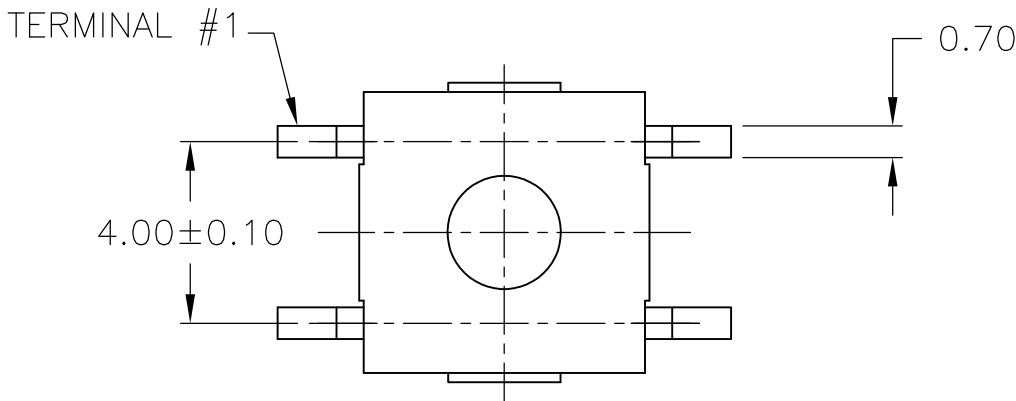
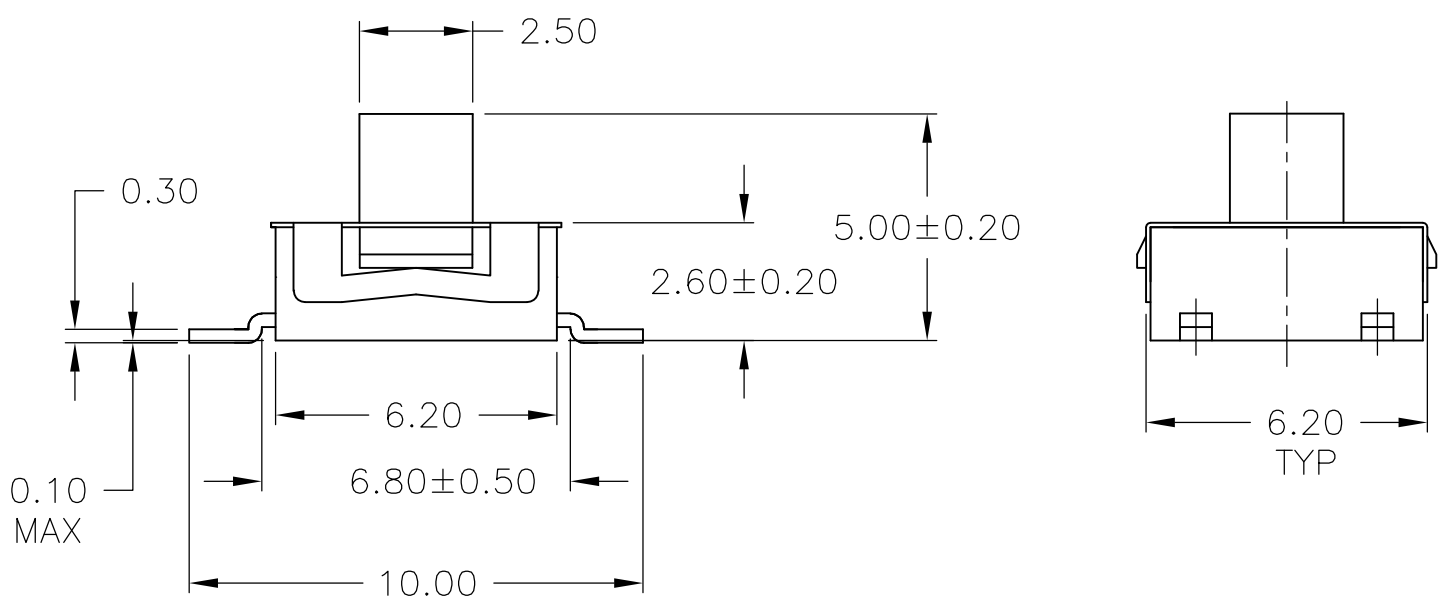


| LOC | DIST | REVISIONS |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
| AD  | 00   |           | F3  | REVISED PER ECO-15-016663 | 23NOV2015 | NK  | RH   |

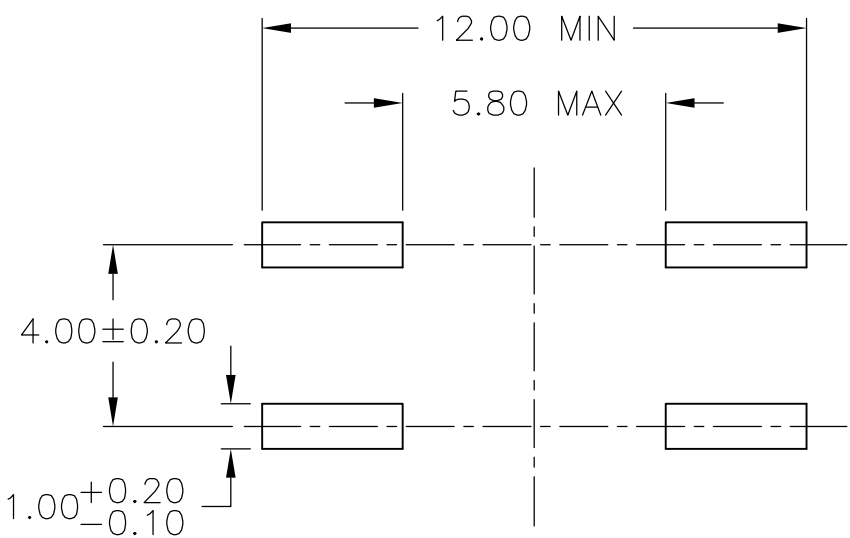
D



C



B



RECOMMENDED PC BOARD LAYOUT

SPECIFICATIONS:

MATERIALS:  
CASE, PPS, UL94V-0, BROWN  
COVER, STAINLESS STEEL  
ACTUATOR, SILICON RUBBER- WHITE/NATURAL  
MOVING CONTACT, STAINLESS STEEL, PLATE-SILVER CLAD/NICKEL  
FIXED CONTACT/TERMINAL, COPPER ALLOY, PLATE-SILVER/NICKEL

ELECTRICAL:  
MAX CONTACT RATING: 50MILLIAMPS@24V DC  
MIN CONTACT RATING: 10MICROAMPS@1V DC  
INITIAL CONTACT RESISTANCE, 100 MILLIOHMS MAX, PER EIA-364-23B, EACH POSITION  
INSULATION RESISTANCE, 100 MEGOHM MIN. PER EIA-364-21C EACH POSITION  
DIELECTRIC STRENGTH, 250 V AC FOR 1 MINUTE, PER EIA-364-20B, CONDITION 1, EACH POSITION.  
CONTACT BOUNCE, 10 MILLISECOND MAX, PER EIA 448-1B, METHOD 15

MECHANICAL:  
ACTUATION FORCE, SEE TABLE  
ACTUATION TRAVEL, .015"±.005", .050" MAX OVER TRAVEL  
LIFE EXPECTANCY, SEE TABLE, VALUES GIVEN ARE MINIMUM, (2 CYCLES PER SECOND AND 150% ACTUATION FORCE), PER EIA-448 METHODS 8 AND 9  
VIBRATION, PER EIA 364-28D, CONDITION VII, LEVEL E, DURATION 1.5 HOURS  
MECHANICAL SHOCK, PER EIA-364-27C, CONDITION A

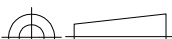
ENVIRONMENTAL:  
OPERATING TEMPERATURE, -35 TO +85 DEGREES C  
STORAGE TEMPERATURE, -35 TO +85 DEGREES C  
HUMIDITY AND TEMPERATURE CYCLING PER EIA-364-31B, METHOD III  
THERMAL SHOCK, PER EIA-364-32C, -35 TO +85 DEGREES C  
SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 245 DEGREES C MAX, TIME, 2.5 SECONDS MAX, 95% MINIMUM COVERAGE  
RESISTANCE TO SOLDER HEAT, PER 109-201 COND B  
NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS  
SEALED PER EIA RS-448-2, METHOD 16, FLUXING- METHOD B, SOLDERING TIME- METHOD 3, CLEANING- METHOD 3, SOLUTION 4  
SWITCH WILL PASS EXTENDED LIFE COMPRESSION TEST (SIMULATING 10 YEARS COMPRESSED AT MAX TRAVEL), REFERENCE TE 109-1098 SPECIFICATION.  
1 SECOND MAX RELEASE AFTER TEST

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

A

| ()-INDICATES MOMENTARY POSITION |                    |                 |
|---------------------------------|--------------------|-----------------|
| CIRCUIT CHARACTERISTICS         |                    |                 |
| CONTACT POSITION                |                    | CIRCUIT DIAGRAM |
|                                 |                    |                 |
| OFF                             | (ON)<br>1-3<br>2-4 |                 |

|             |            |         |             |
|-------------|------------|---------|-------------|
| TAPE & REEL | 5,000,000  | 160±50g | 1571634-2   |
| -           | 5,000,000  | 160±50g | 1571634-1   |
| PACKAGING   | CYCLE LIFE | FORCE   | PART NUMBER |

|                                                                                       |  |                                        |  |                                                                                                       |  |            |  |                    |  |                         |  |                    |  |           |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|------------|--|--------------------|--|-------------------------|--|--------------------|--|-----------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>R.BROWN<br>28JUL03              |  |  TE Connectivity |  |            |  |                    |  |                         |  |                    |  |           |  |
|                                                                                       |  | CHK<br>M.SERVER<br>28JUL03             |  |                                                                                                       |  |            |  |                    |  |                         |  |                    |  |           |  |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME<br><br>TACTICLE SWITCH 6X6 mm<br>LOW PROFILE, SURFACE MOUNT W/SOFT BUTTON                        |  |            |  |                    |  |                         |  |                    |  |           |  |
|  |  | APVD<br>M.SERVER<br>—                  |  |                                                                                                       |  |            |  |                    |  |                         |  |                    |  |           |  |
|                                                                                       |  | PRODUCT SPEC<br>—                      |  |                                                                                                       |  |            |  |                    |  |                         |  |                    |  |           |  |
|                                                                                       |  | APPLICATION SPEC<br>—                  |  |                                                                                                       |  |            |  |                    |  |                         |  |                    |  |           |  |
|                                                                                       |  | MATERIAL<br>SEE SPECIFICATIONS         |  | FINISH<br>SEE SPECIFICATIONS                                                                          |  | SIZE<br>A2 |  | CAGE CODE<br>00779 |  | DRAWING NO<br>C=1571634 |  | RESTRICTED TO<br>— |  |           |  |
|                                                                                       |  | WEIGHT<br>—                            |  |                                                                                                       |  |            |  |                    |  |                         |  |                    |  |           |  |
|                                                                                       |  |                                        |  | CUSTOMER DRAWING                                                                                      |  |            |  |                    |  | SCALE<br>6:1            |  | SHEET<br>1 of 1    |  | REV<br>F3 |  |