

| LOC | DIST | REVISIONS |     |                      |         |      |
|-----|------|-----------|-----|----------------------|---------|------|
| AD  | 00   | P         | LTR | DESCRIPTION          | DATE    | DWN  |
|     |      |           |     |                      |         | APVD |
|     |      | 0         |     | REV PER OG3C-0093-03 | 20OCT03 | MJM  |
|     |      |           |     |                      |         | MS   |

MATERIALS

CASE: THERMOPLASTIC, UL94-HB, BLACK  
COVER: THERMOPLASTIC  
ACTUATOR: THERMOPLASTIC,UL94-HB, RED  
MOVING CONTACT: COPPER ALLOY, SILVER CLAD  
FIXED CONTACT: COPPER ALLOY, SILVER PLATED

ELECTRICAL

CONTACT RATING: 12VDC, 50mA  
INITIAL CONTACT RESISTANCE: 100 MILLIOHM MAX  
INSULATION RESISTANCE: 100 MEGOHMS MIN @ 100VDC  
DIELECTRIC STRENGTH: 250VAC  
LIFE EXPECTANCY: UP TO 100,000 CYCLES

MECHANICAL

ACTUATION FORCE: 260±50gf  
ACTUATION TRAVEL: 0.30±0.15  
ACTUATION OVER TRAVEL PROTECTION

ENVIRONMENTAL

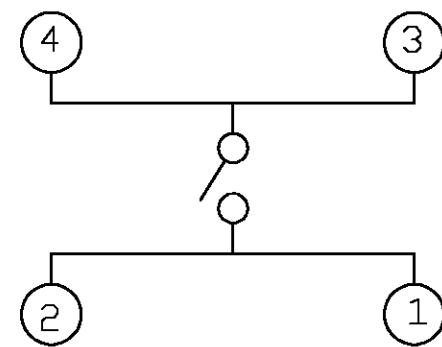
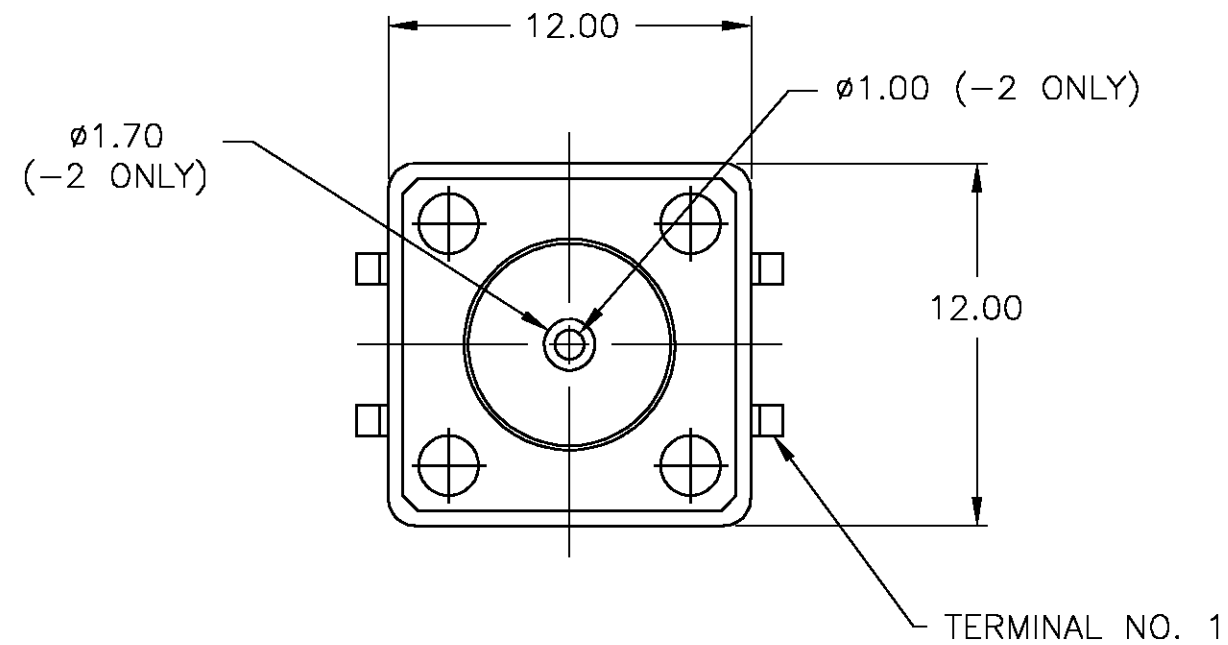
OPERATING TEMPERATURE: -20°C TO +70°C, 45% TO 85% RH  
STORAGE TEMPERATURE: -20°C TO +70°C

**PRELIMINARY**  
NOT RELEASED FOR  
PRODUCTION

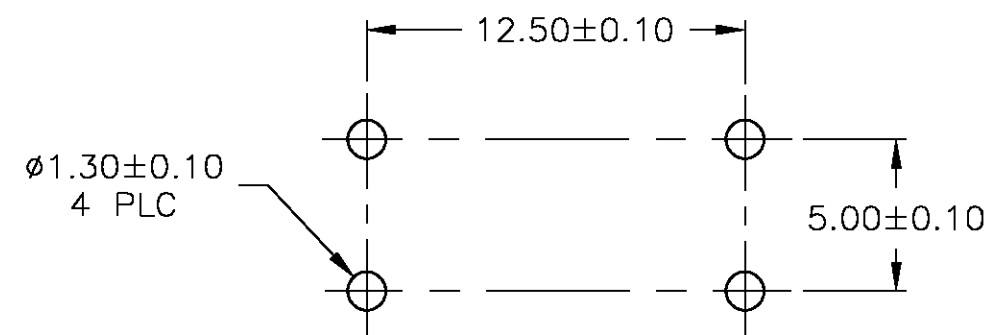
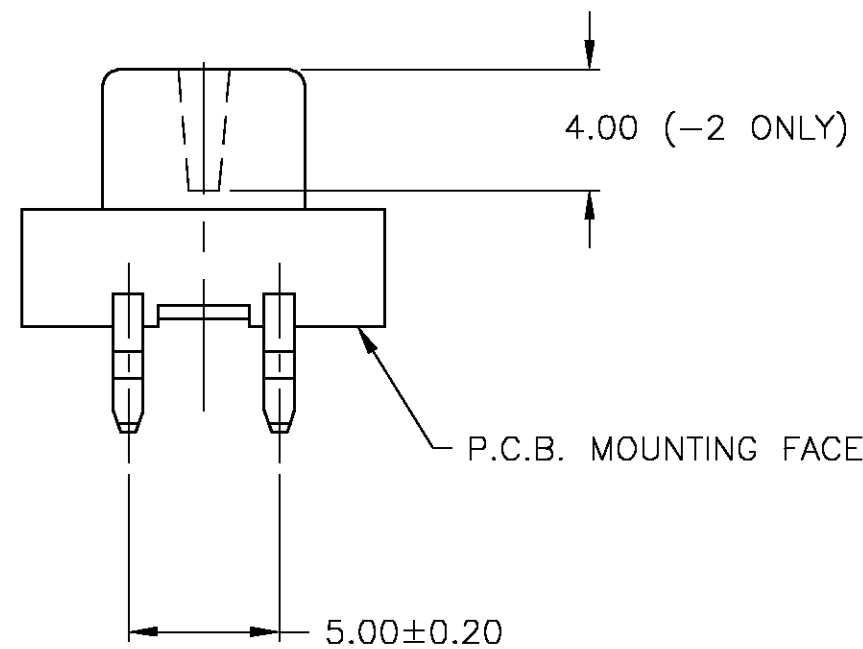
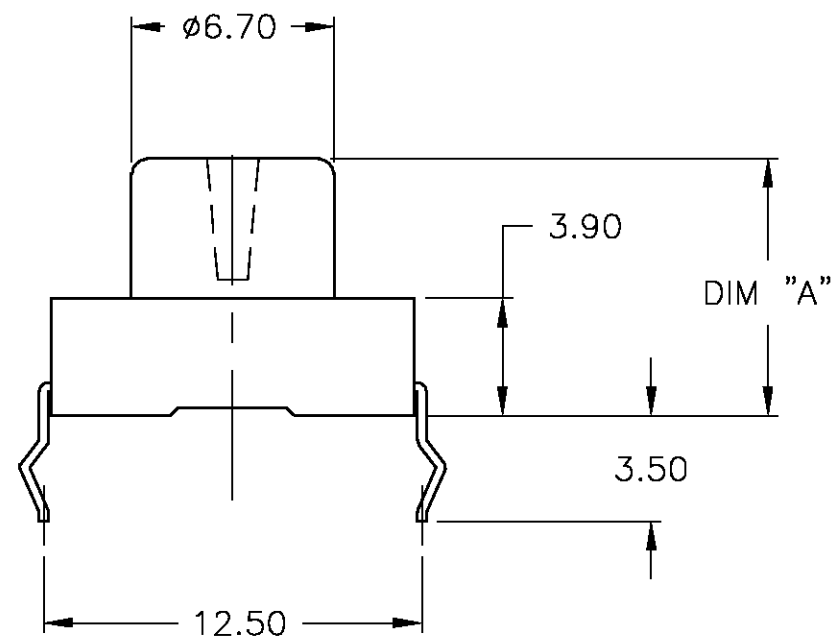
AS SHOWN

|         |             |
|---------|-------------|
| 8.5 MM  | 1571468-2   |
| 4.3 MM  | 1571468-1   |
| DIM "A" | PART NUMBER |

|                                        |                                        |                                 |                                   |                                                         |                              |               |       |
|----------------------------------------|----------------------------------------|---------------------------------|-----------------------------------|---------------------------------------------------------|------------------------------|---------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN<br>M. MOYER<br>20OCT03      | <b>tyco</b><br><b>Electronics</b> |                                                         | Tyco Electronics Corporation |               |       |
| DIMENSIONS:                            |                                        | CHK<br>M. S. SARVER<br>20OCT03  |                                   |                                                         | Harrisburg, PA 17105         |               |       |
| MM                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD<br>M. S. SARVER<br>20OCT03 | NAME                              | SWITCH, TACTILE, 12 X 12<br>WITH OVER TRAVEL PROTECTION |                              |               |       |
|                                        | 0 PLC ± -                              | PRODUCT SPEC                    | —                                 |                                                         |                              |               |       |
|                                        | 1 PLC ± -                              | APPLICATION SPEC                | —                                 |                                                         |                              |               |       |
|                                        | 2 PLC ± 0.30                           | —                               | —                                 |                                                         |                              |               |       |
|                                        | 3 PLC ± -                              | —                               | —                                 |                                                         |                              |               |       |
|                                        | 4 PLC ± -                              | —                               | —                                 |                                                         |                              |               |       |
| ANGLES ± -                             | —                                      | —                               | SIZE                              | CAGE CODE                                               | DRAWING NO                   | RESTRICTED TO |       |
| MATERIAL                               | FINISH                                 | WEIGHT                          | A2                                | 00779                                                   | C=1571468                    | —             |       |
| SEE NOTES                              | SEE NOTES                              | CUSTOMER DRAWING                |                                   |                                                         | SCALE 4:1                    | SHEET 1 OF 1  | REV 0 |



CIRCUIT DIAGRAM



P.C.B. MOUNTING HOLE DIMENSION