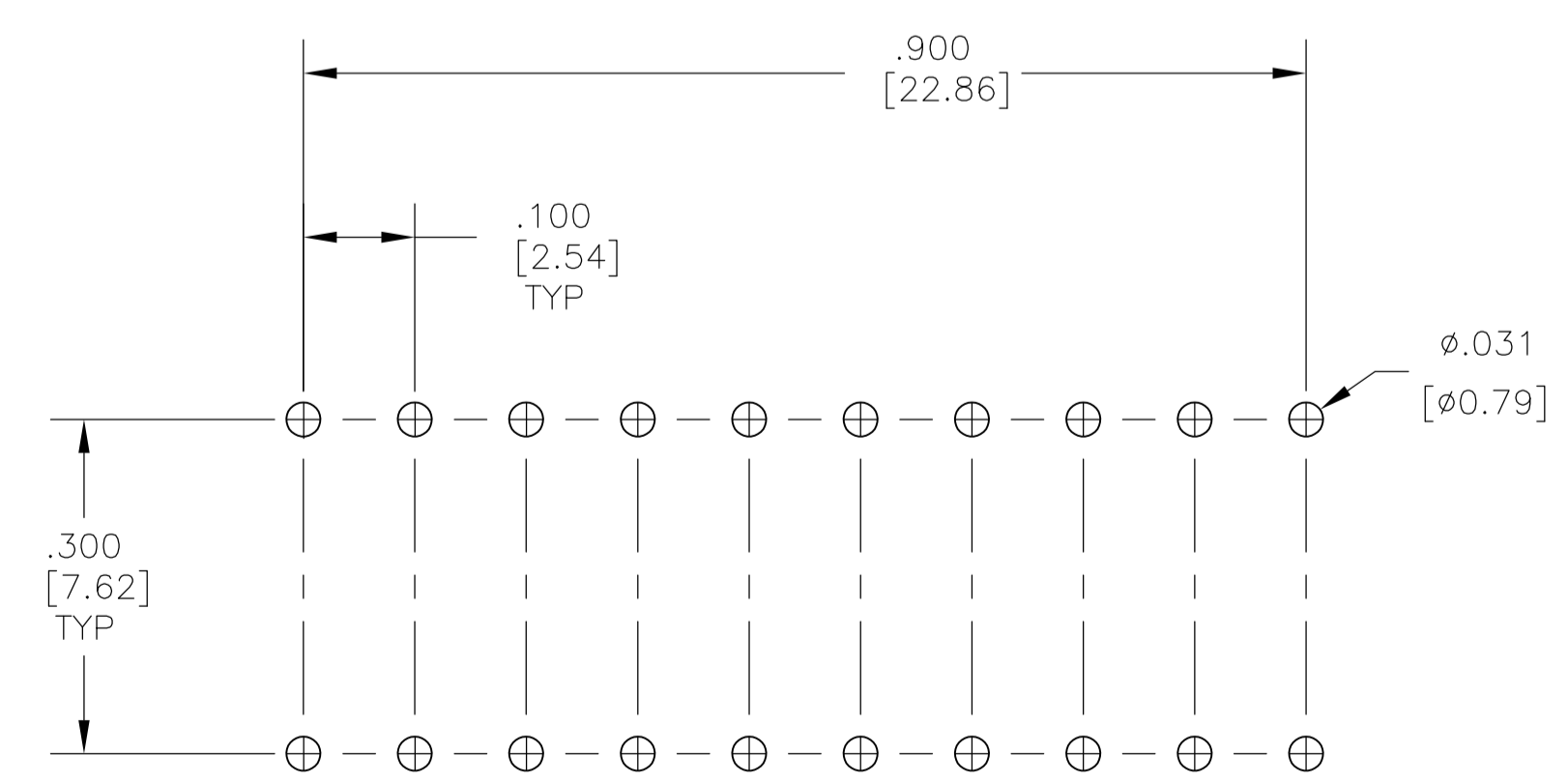
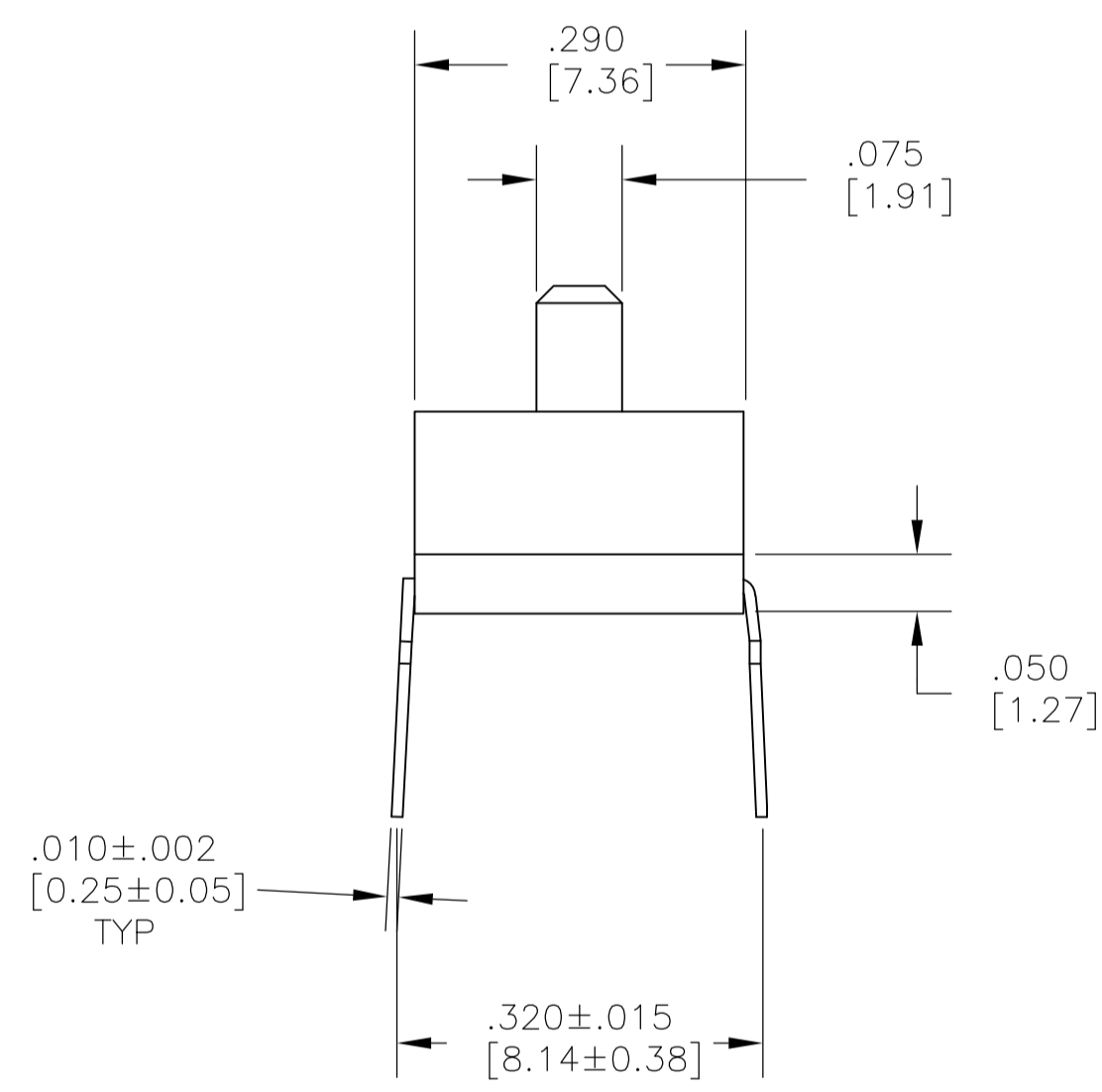
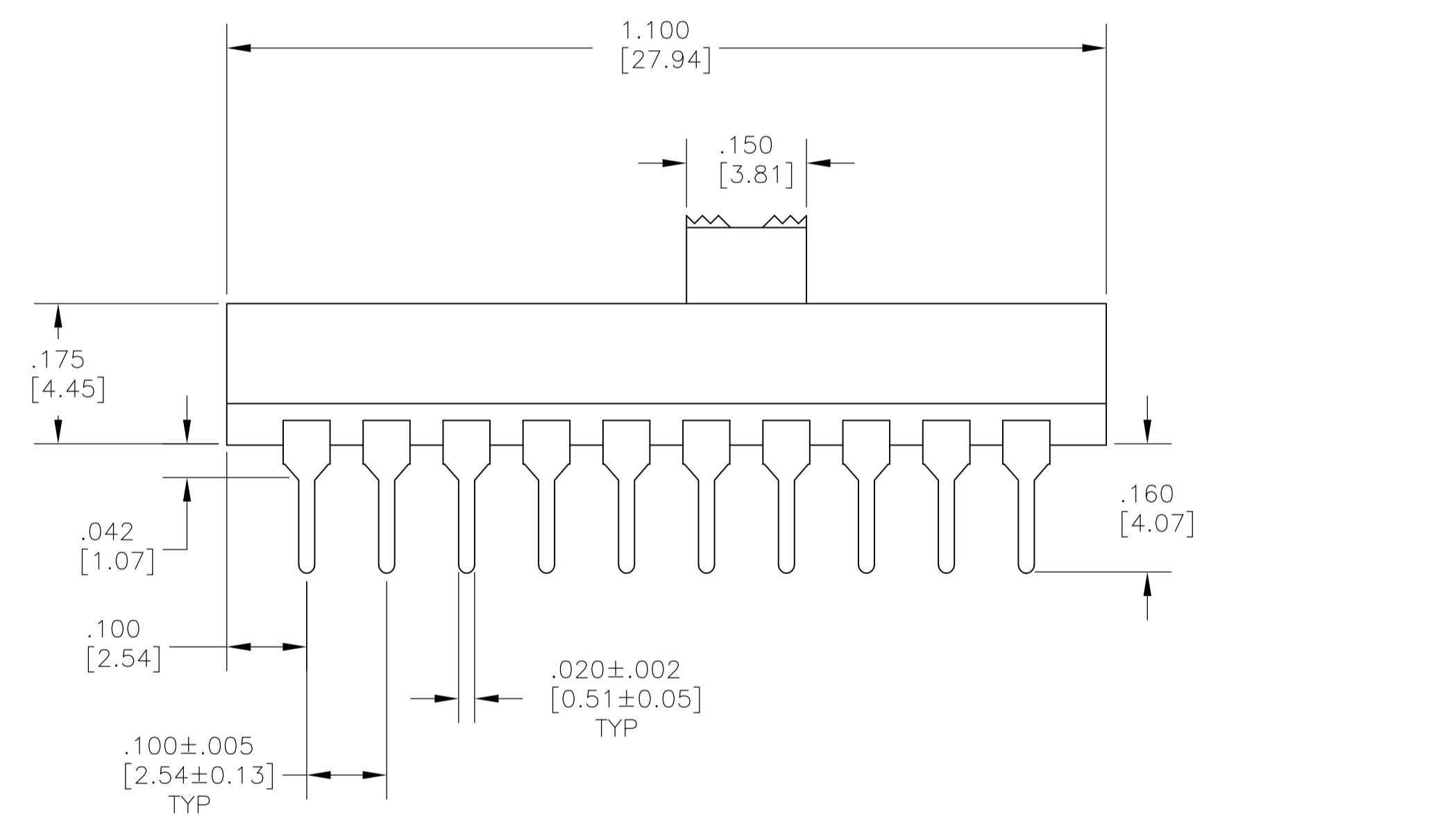
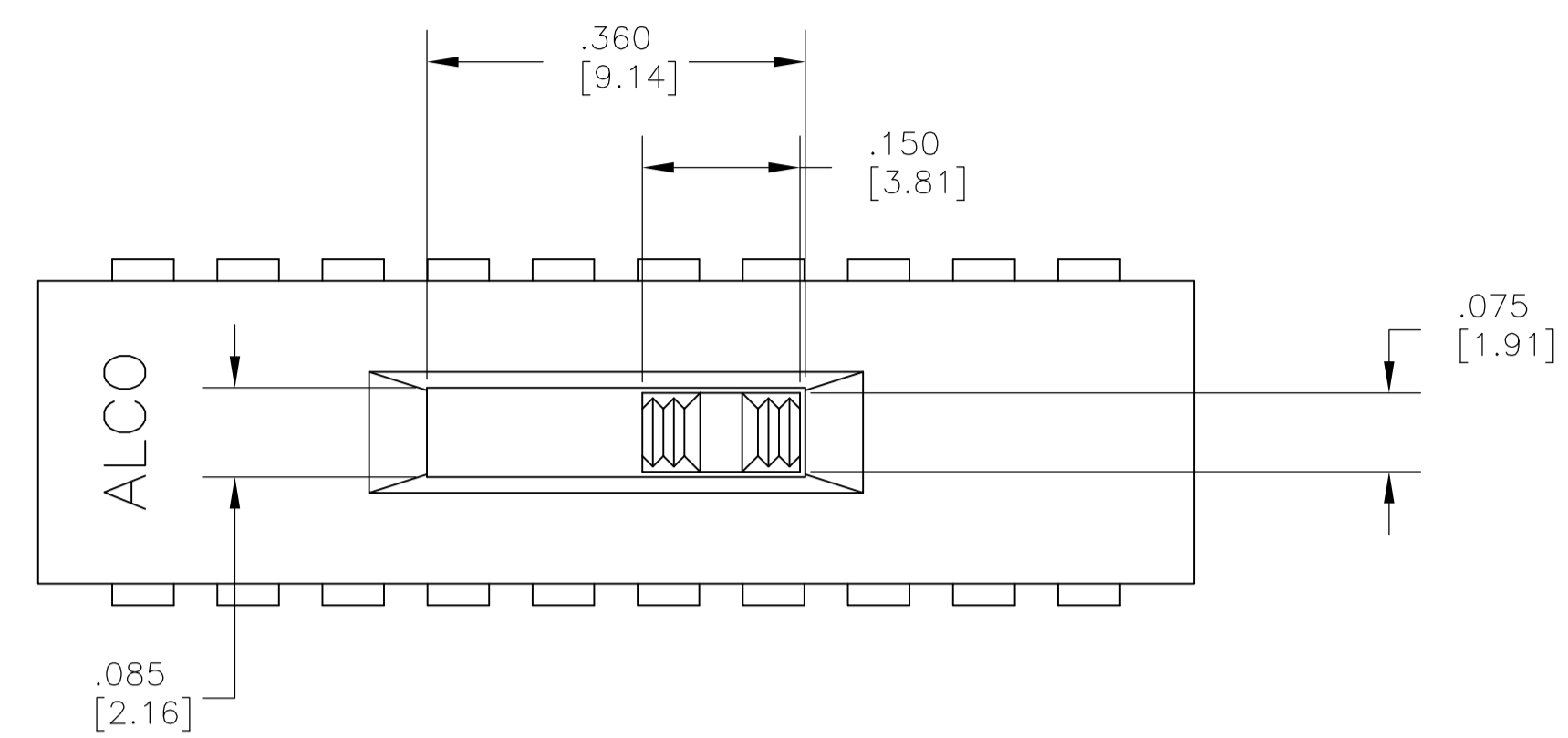


| LOC |    | DIST                      |         | REVISIONS |     |     |  |
|-----|----|---------------------------|---------|-----------|-----|-----|--|
| AD  | 00 | REV                       | DATE    | BY        | CHK | APP |  |
| A1  |    | REVISED PER ECO-05-012281 | 25MAY06 | SSK       | MS  |     |  |
| A2  |    | REVISED PER ECO-09-024927 | 10NOV09 | KK        | AEG |     |  |



PRINTED CIRCUIT BOARD  
HOLE PATTERN

**SPECIFICATIONS:**

4P3T  
MAKE-BEFORE-BREAK

**MATERIALS:**

BASE/COVER-PCT UL94V-0, BLACK  
 ACTUATOR-NYLON PA46 UL94V-0, NATURAL  
 MOVING CONTACT-COPPER ALLOY, SILVER OVER NICKEL  
 FIXED CONTACT-COPPER ALLOY, SILVER OVER NICKEL  
 TERMINAL-COPPER ALLOY, TIN/LEAD OVER NICKEL OR TIN OVER NICKEL

**ELECTRICAL:**

CONTACT RATING, 30 MILLIAMPS @ 115V AC PER EIA-448, METHOD 6  
 CONTACT RESISTANCE, 25 MILLIOHMS MAX @ 100mA 2-4V DC, PER EIA-364-23B, EACH POSITION  
 INSULATION RESISTANCE, 1000 MEGOHM MIN @ 500V DC, PER EIA-364-21C EACH POSITION  
 DIELECTRIC STRENGTH, 600V RMS @ SEA LEVEL, PER EIA-364-20B, CONDITION 1, EACH POSITION  
 LIFE EXPECTANCY, ELECTRICAL, 15,000 CYCLES @ FULL LOAD

**MECHANICAL:**

ACTION FORCE, 800 GRAMS MAX.  
 ACTION TRAVEL, .100±.010  
 LIFE EXPECTANCY, 15,000 CYCLES

**ENVIRONMENTAL:**

OPERATING TEMPERATURE, -40° TO +80°C, PER EIA 448, METHOD 10  
 STORAGE TEMPERATURE, -40° TO +80°C  
 HUMIDITY AND TEMPERATURE CYCLING PER EIA-364-31B, METHOD III  
 SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, 95% MINIMUM COVERAGE  
 RESISTANCE TO SOLDER HEAT, PER 109-202, CONDITION B

**NOTES:**

- SWITCH TO BE SUPPLIED WITH CLOSED END COVERS
  - PACKAGING LABEL TO BE ASE71016/61-0176
  - PARTS TO BE PACKAGED IN TUBES WITH 19 SWITCHES PER TUBE
  - CUSTOMER-TELLABS
  - ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- ⚠️ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|       |            |                      |
|-------|------------|----------------------|
| 5     | ASE7101604 | 1825463-1            |
| 6     | SUPERSEDED | ASE71016 4-1437581-2 |
| NOTES | T&B P/N    | TYCO P/N             |

|  |        |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
|--|--------|--|--------|---|--------|--------|--------|--------|--------|--------|--------|--------|-------|--|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.   |        | DIN B.S. VISWESWARA 15FEB05            |        | Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| DIMENSIONS: INCHES [mm]  |        | TOLERANCES UNLESS OTHERWISE SPECIFIED: |        | PRODUCT SPEC  |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| <table border="1"> <tr><td>0. PLC</td><td>± .010</td></tr> <tr><td>1. PLC</td><td>± .010</td></tr> <tr><td>2. PLC</td><td>± .010</td></tr> <tr><td>3. PLC</td><td>± .010</td></tr> <tr><td>4. PLC</td><td>± .010</td></tr> <tr><td>ANGLES</td><td>± .1°</td></tr> </table> |        | 0. PLC                                 | ± .010 | 1. PLC  | ± .010 | 2. PLC | ± .010 | 3. PLC | ± .010 | 4. PLC | ± .010 | ANGLES | ± .1° | <table border="1"> <tr><td>0. PLC</td><td>± .010</td></tr> <tr><td>1. PLC</td><td>± .010</td></tr> <tr><td>2. PLC</td><td>± .010</td></tr> <tr><td>3. PLC</td><td>± .010</td></tr> <tr><td>4. PLC</td><td>± .010</td></tr> <tr><td>ANGLES</td><td>± .1°</td></tr> </table> |  | 0. PLC | ± .010 | 1. PLC | ± .010 | 2. PLC | ± .010 | 3. PLC | ± .010 | 4. PLC | ± .010 | ANGLES | ± .1° | <table border="1"> <tr><td>0. PLC</td><td>± .010</td></tr> <tr><td>1. PLC</td><td>± .010</td></tr> <tr><td>2. PLC</td><td>± .010</td></tr> <tr><td>3. PLC</td><td>± .010</td></tr> <tr><td>4. PLC</td><td>± .010</td></tr> <tr><td>ANGLES</td><td>± .1°</td></tr> </table> |  | 0. PLC | ± .010 | 1. PLC | ± .010 | 2. PLC | ± .010 | 3. PLC | ± .010 | 4. PLC | ± .010 | ANGLES | ± .1° |
| 0. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 1. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 2. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 3. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 4. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| ANGLES   | ± .1°  |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 0. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 1. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 2. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 3. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 4. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| ANGLES   | ± .1°  |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 0. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 1. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 2. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 3. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| 4. PLC   | ± .010 |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| ANGLES   | ± .1°  |  |        |   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| MATERIAL   |        | FINISH                                 |        | WEIGHT  |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| -  |        | -                                      |        | -   |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |
| CUSTOMER DRAWING   |        | SCALE 6:1                              |        | SHEET 1 OF 1 REV A2                                       |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |  |  |        |        |        |        |        |        |        |        |        |        |        |       |