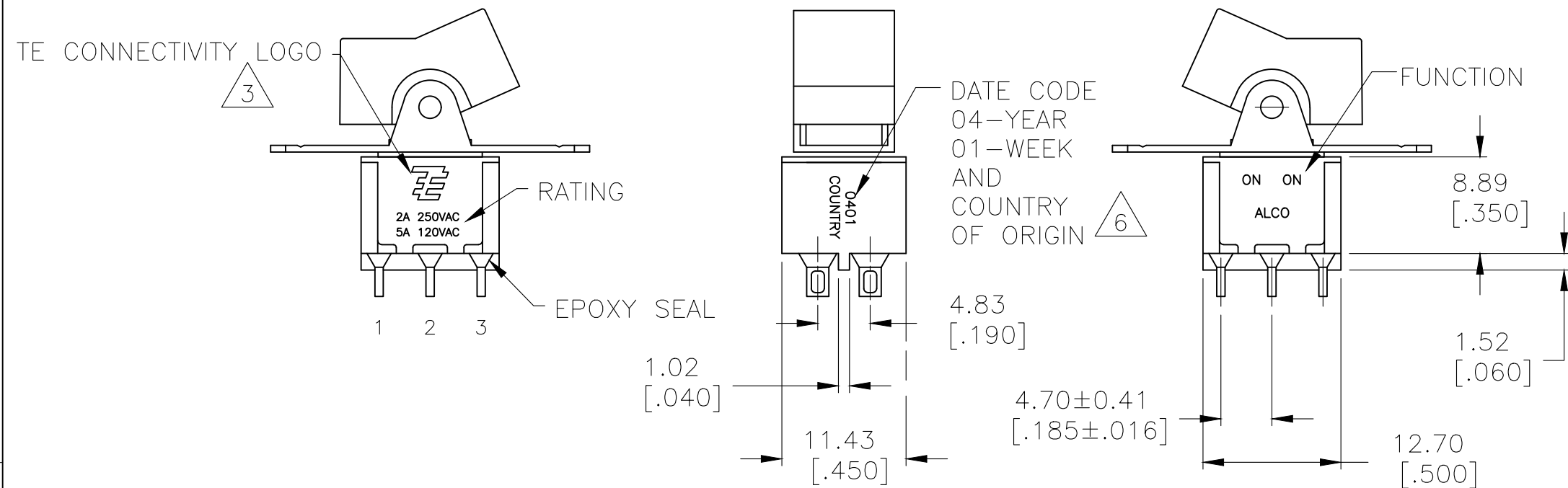


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | A8  | REVISED PER ECO-17-001761 | 10MAY2017 | RK  | AS   |



- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- G CONTACT OPTION CAN BE USED FOR SIGNAL OR POWER LEVEL SWITCHING. IF SWITCH IS USED AT LEVELS EXCEEDING .4VA @ 20V AC/DC, SWITCH IS RENDERED FOR POWER SWITCHING ONLY DUE TO ARC REMOVAL OF GOLD PLATING. RATING MARKED ON THE SWITCH IS 2A 250VAC, 5A 120VAC.
- TE CONNECTIVITY LOGO PER PER TEC-202-36.
- SP3T FUNCTION ACHIEVED WITH FUNCTIONS 11, 13, & 15 BY CUSTOMER APPLIED JUMPER BETWEEN TERMINALS 3 & 5.
- DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.
- PANEL MOUNT BRACKET SUPPLIED WITH TERMINALS W, Z AND Z3 ONLY.
- ALL LOGO, RATING, DATE CODE, AND FUNCTION MARKINGS TO BE LASER MARKED.

### FUNCTION CHART

| FUNCTION            |          |      |          |
|---------------------|----------|------|----------|
| 01                  | ON       | NONE | ON       |
| 03                  | ON       | OFF  | ON       |
| 05                  | (ON)     | OFF  | (ON)     |
| 07                  | ON       | OFF  | (ON)     |
| 08                  | ON       | NONE | (ON)     |
| TERMINALS CONNECTED | 2-3, 5-6 | ---  | 1-2, 4-5 |

|                                                |             |             |             |
|------------------------------------------------|-------------|-------------|-------------|
| 11                                             | ON          | ON          | ON          |
| 13                                             | ON          | ON          | (ON)        |
| 15                                             | (ON)        | ON          | (ON)        |
| TERMINALS CONNECTED                            | 2-3, 5-6    | 2-3, 4-5    | 1-2, 4-5    |
| SP3T SCHEMATIC<br>(11, 13 & 15 ONLY)<br>NOTE 5 |             |             |             |
|                                                | IN 2, OUT 6 | IN 2, OUT 4 | IN 2, OUT 1 |

NONE: NO MECHANICAL POSITION  
OFF: MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION  
(ON): MOMENTARY ACTION

### SPECIFICATIONS

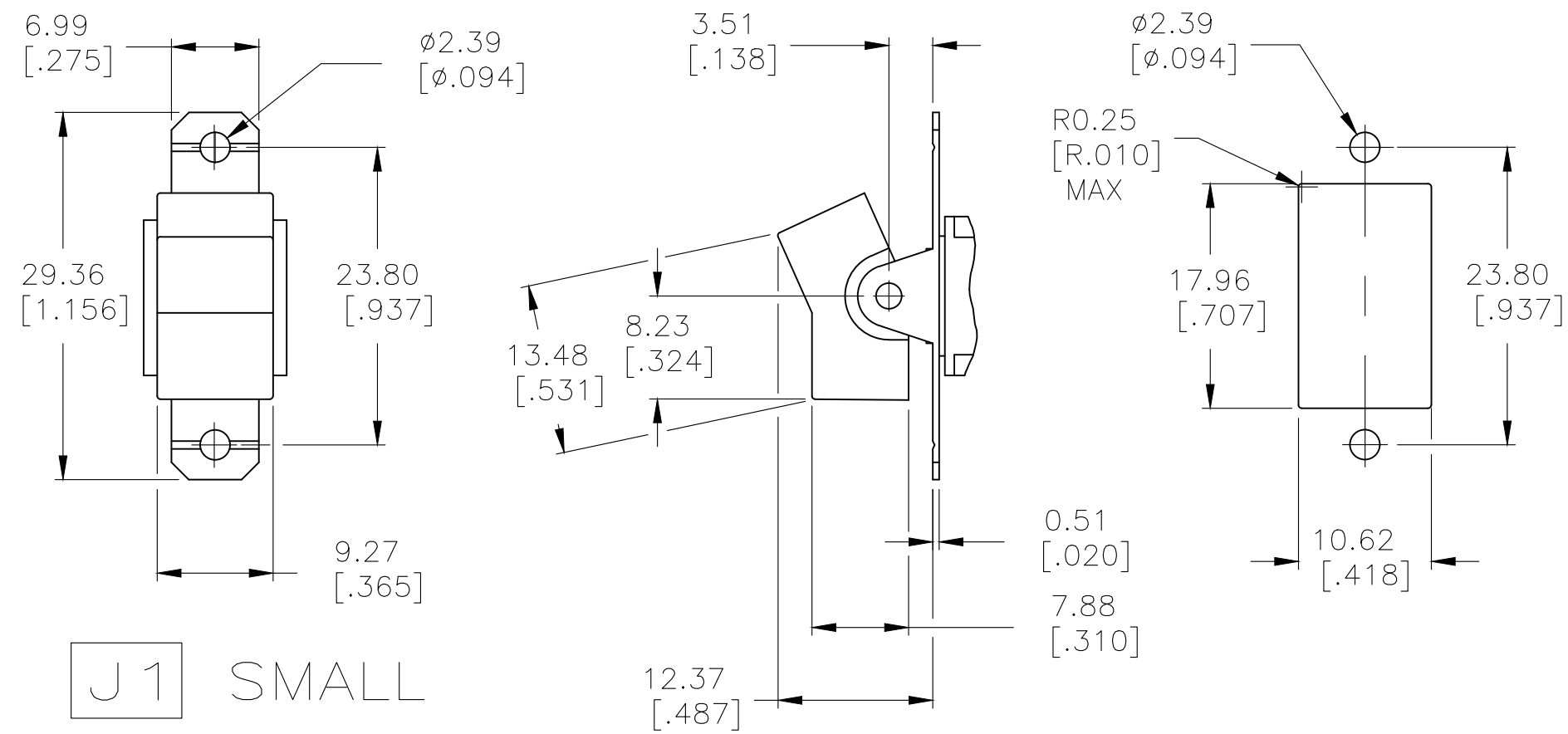
|                                 |                                                                     |
|---------------------------------|---------------------------------------------------------------------|
| RATING, B CONTACTS              | .4VA MAX @20V MAX. AC OR DC                                         |
| RATING, G CONTACTS-SEE NOTE 2   | .4VA MAX @20V MAX. AC OR DC OR<br>5A @120 VAC OR 28 VDC (RESISTIVE) |
|                                 | 2A @250 VAC (RESISTIVE)                                             |
| RATING, Q CONTACTS              | 5A @120 VAC OR 28 VDC (RESISTIVE)                                   |
|                                 | 2A @250 VAC (RESISTIVE)                                             |
| ELECTRICAL LIFE                 | 6,000 CYCLES AT RATED LOAD                                          |
| CONTACT RESISTANCE              | 10 MILLIOHMS MAX INITIAL @ 2-4VDC, 100MA                            |
| INSULATION RESISTANCE           | 1,000 MEGOHMS MIN                                                   |
| DIELECTRIC WITHSTANDING VOLTAGE | 1,000 V RMS AT SEA LEVEL                                            |
| OPERATING TEMPRATURE            | -30C TO 85C                                                         |

### PART NUMBER SEQUENCE

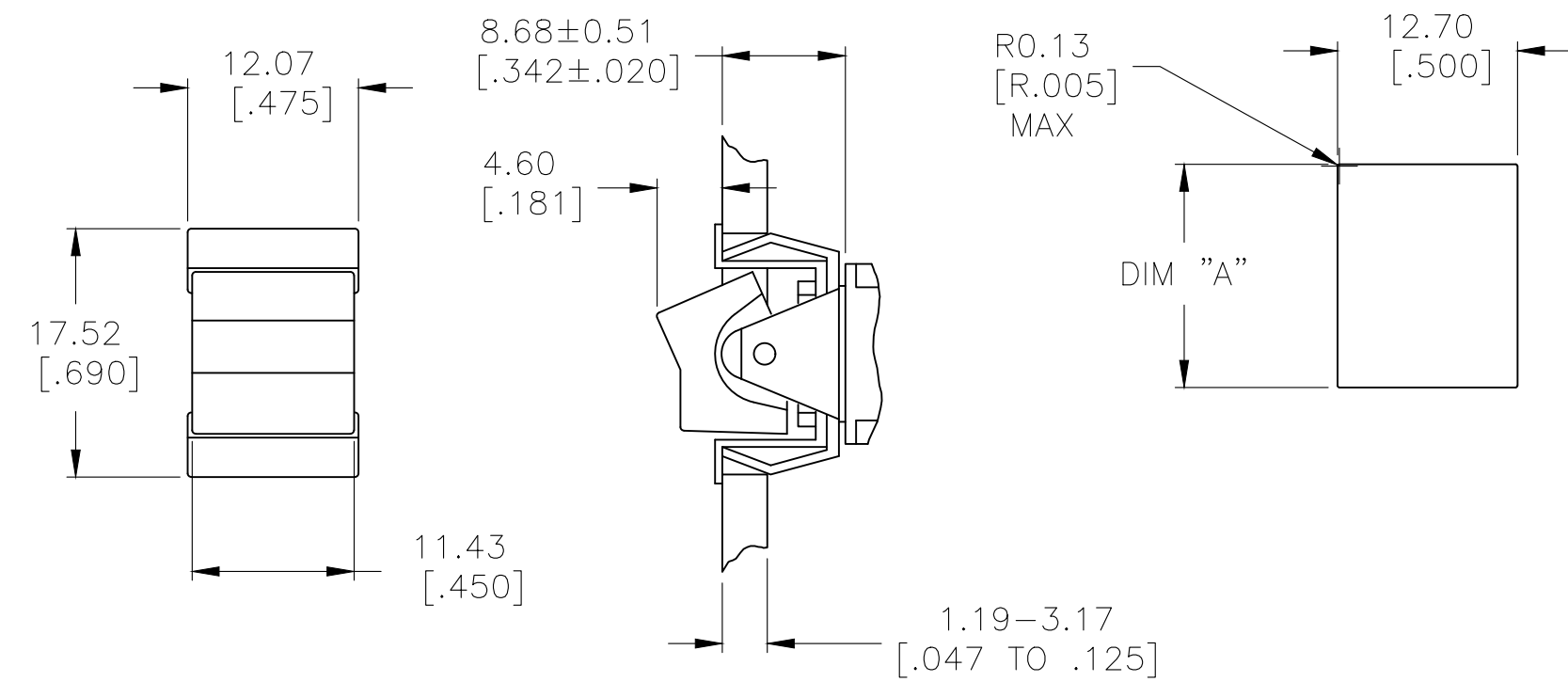
| MODEL | FUNCTION | ACTUATOR | TERMINAL | CONTACT | ACTUATOR COLOR | FRAME COLOR   | ROHS |
|-------|----------|----------|----------|---------|----------------|---------------|------|
| A2    |          |          |          |         |                |               | 04   |
|       | 01       | J1       | A        | B       | 0 BLACK (STD)  | 0 BLACK (STD) |      |
|       | 03       | J3       | AV2      | G       | 1 BROWN        | 1 BROWN       |      |
|       | 05       | J50      | C        | Q       | 2 RED          | 2 RED         |      |
|       | 07       | J51      | V3       |         | 3 ORANGE       | 3 ORANGE      |      |
|       | 08       | J52      | V4       |         | 4 YELLOW       | 4 YELLOW      |      |
|       | 11       | J2       | V7       |         | 5 GREEN        | 5 GREEN       |      |
|       | 13       | J4       | W        |         | 6 BLUE         | 6 BLUE        |      |
|       | 15       | J60      | W4       |         | 8 GRAY         | 8 GRAY        |      |
|       |          | J61      | Z        |         | 9 WHITE        | 9 WHITE       |      |
|       |          | J62      | Z3       |         |                |               |      |

|                                                                                       |                                                                                                                           |                            |                                                                                                       |                  |            |               |     |    |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------|------------------|------------|---------------|-----|----|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                                                                           | DWN<br>M.BINNER<br>06JAN05 |  TE Connectivity |                  |            |               |     |    |
| DIMENSIONS:<br>mm [INCHES]                                                            |                                                                                                                           | CHK<br>M.ZITTO<br>06JAN05  |                                                                                                       |                  |            |               |     |    |
|  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± .010<br>4 PLC ± -<br>ANGLES ± 4° | APVD<br>M.ZITTO<br>06JAN05 | NAME<br><br>GEMINI A SERIES ROCKER SWITCH<br>DOUBLE POLE                                              |                  |            |               |     |    |
|                                                                                       |                                                                                                                           | PRODUCT SPEC<br><br>—      |                                                                                                       |                  |            |               |     |    |
|                                                                                       |                                                                                                                           | APPLICATION SPEC<br><br>—  | SIZE                                                                                                  | CAGE CODE        | DRAWING NO | RESTRICTED TO |     |    |
|                                                                                       |                                                                                                                           | MATERIAL<br><br>—          | FINISH<br><br>—                                                                                       | WEIGHT<br><br>A2 | 00779      | C=1571987     | —   |    |
| CUSTOMER DRAWING                                                                      |                                                                                                                           |                            | SCALE                                                                                                 | 2:1              | SHEET      | 1 of 5        | REV | A8 |

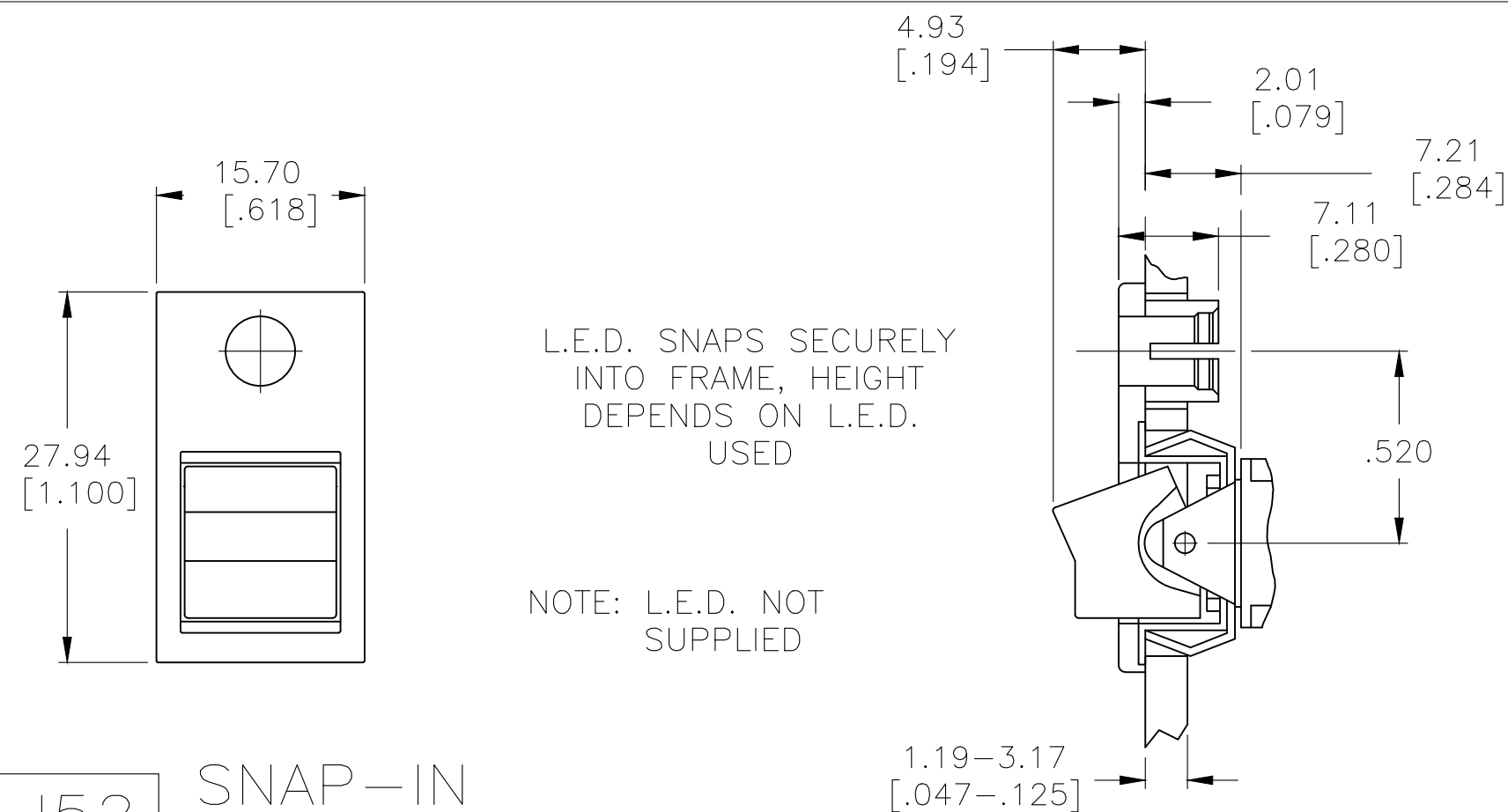
| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | —   | SEE SHEET 1 | —    | —   | —    |



J1 SMALL



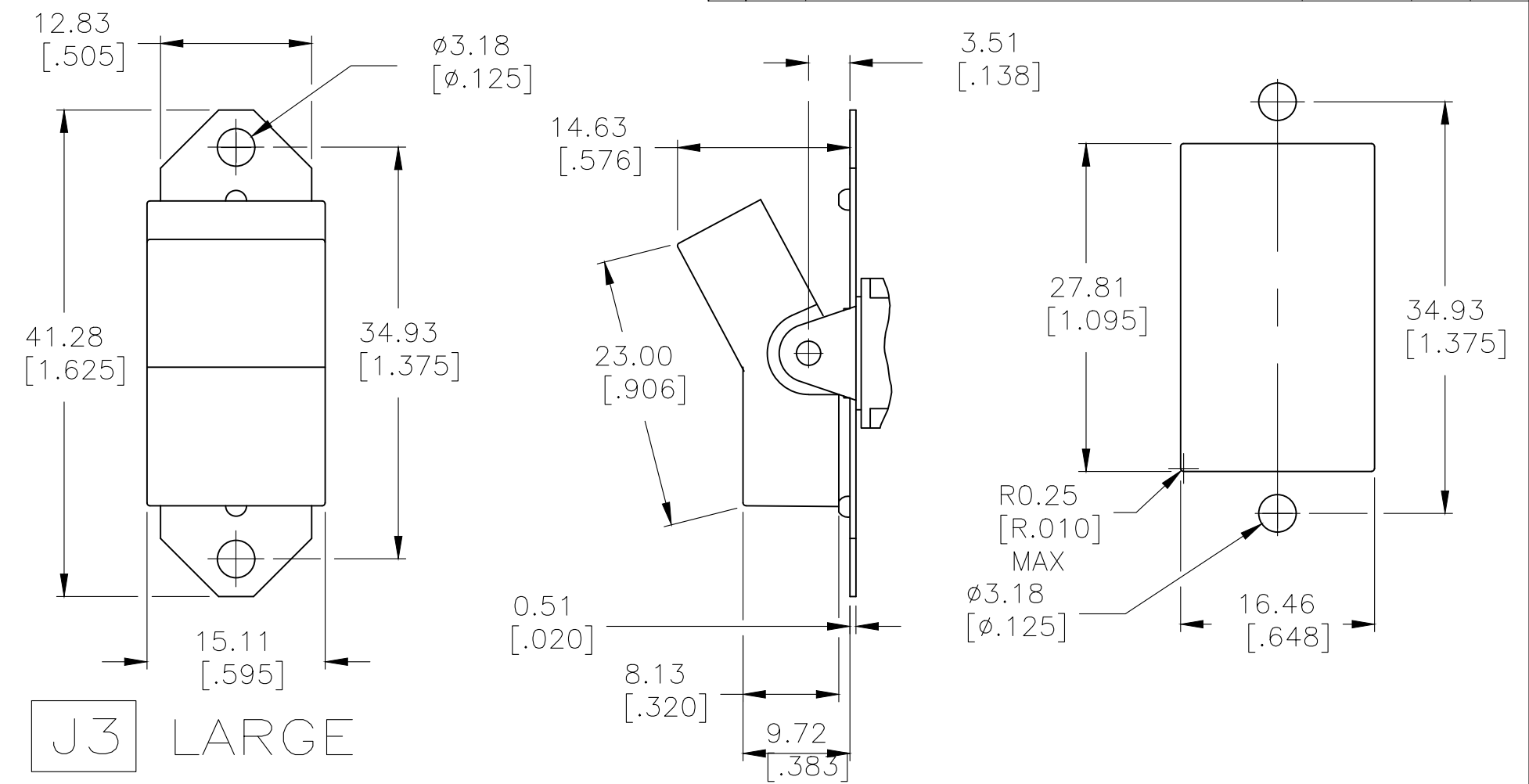
J50 SNAP-IN



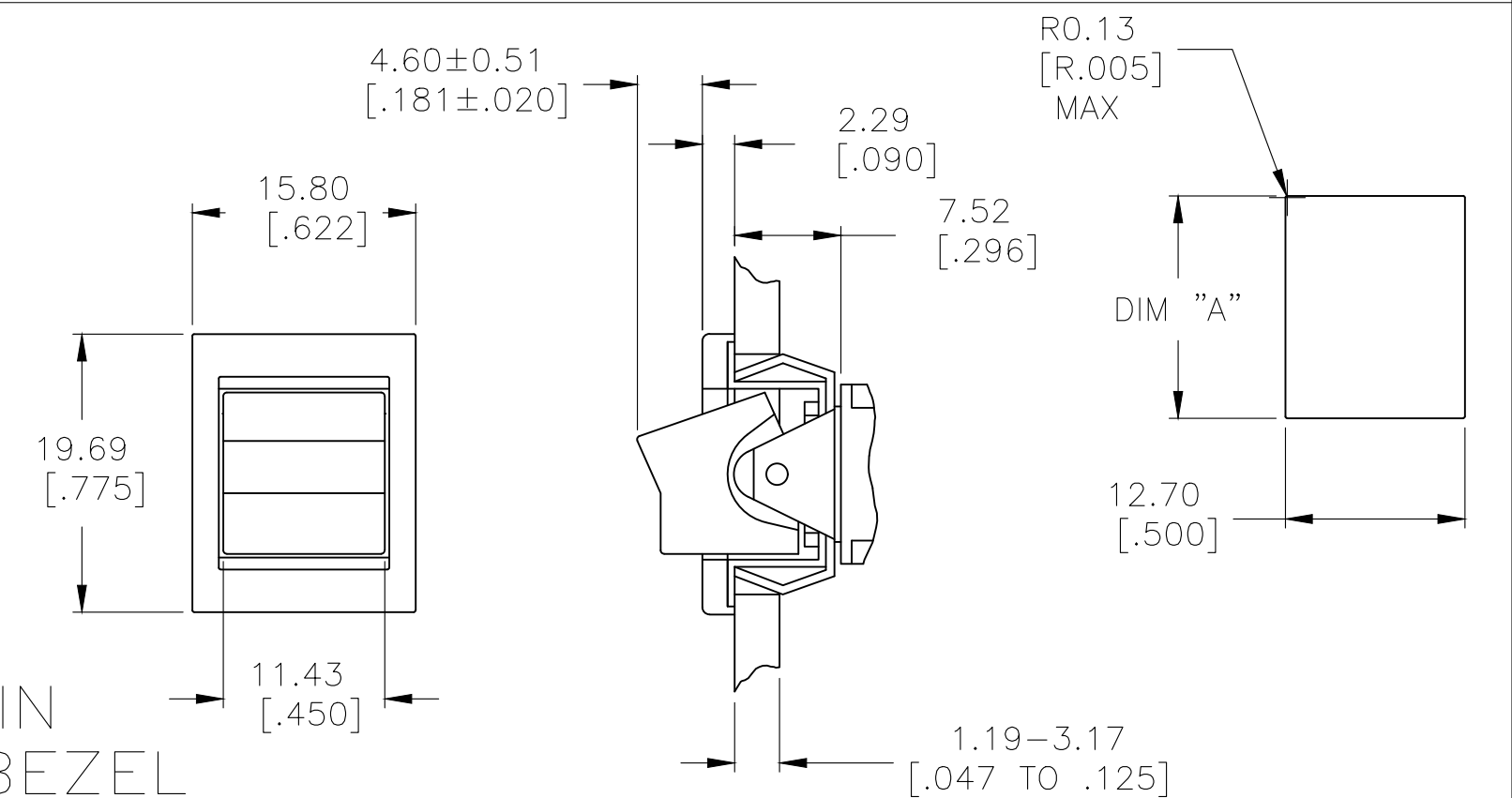
L.E.D. SNAPS SECURELY  
INTO FRAME, HEIGHT  
DEPENDS ON L.E.D.  
USED

NOTE: L.E.D. NOT SUPPLIED

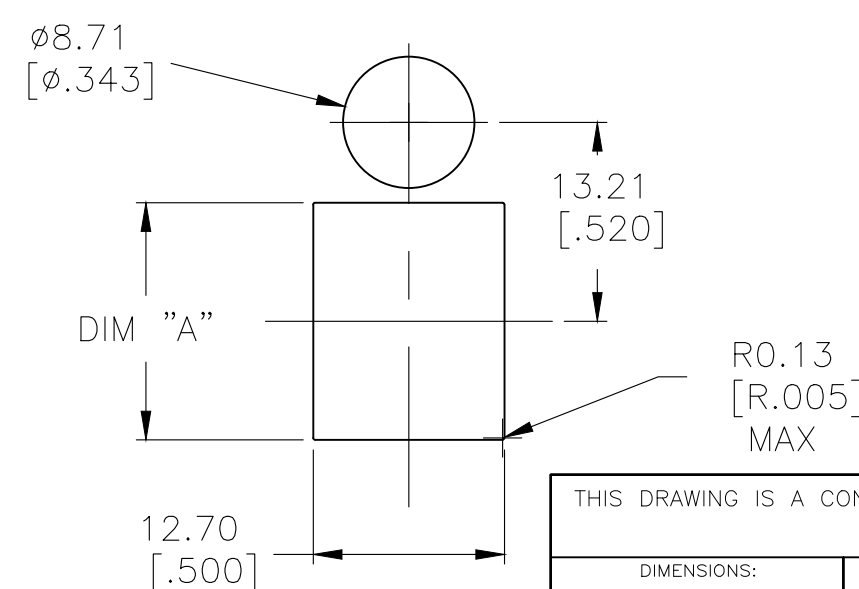
J52 SNAP-IN  
WITH BEZEL/L.E.D.



J3 LARGE



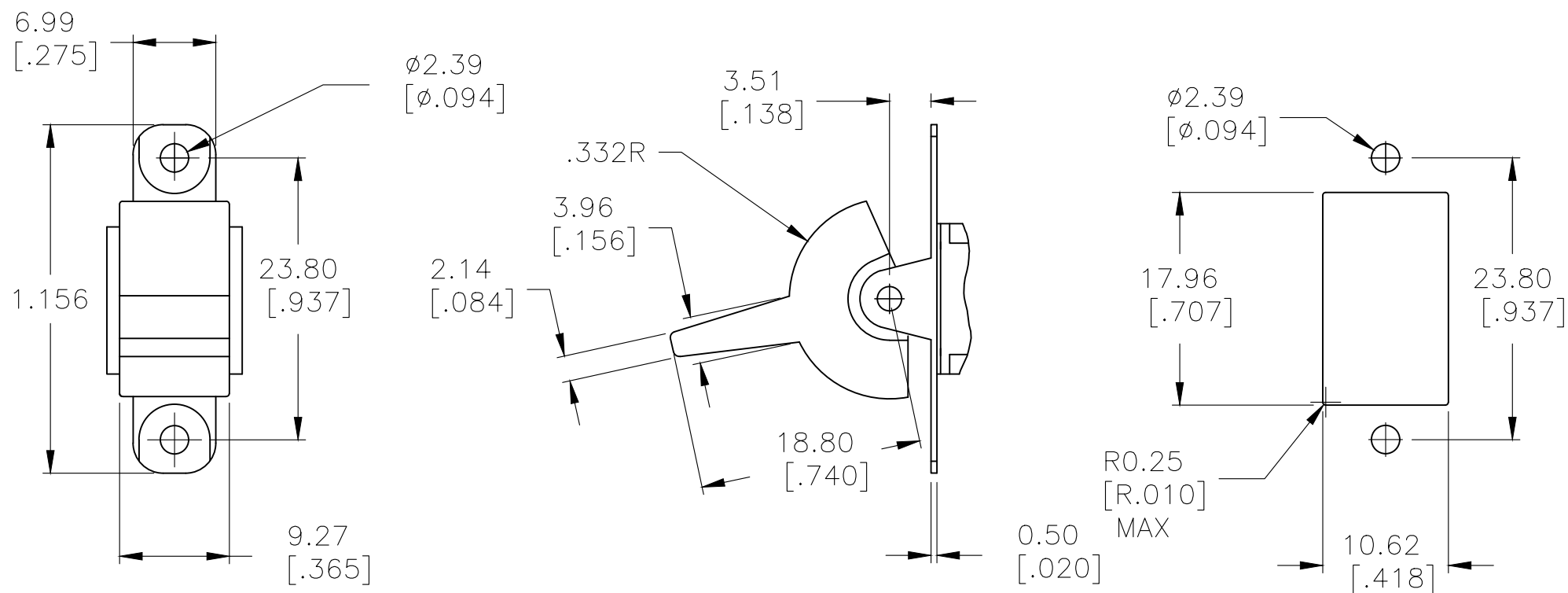
J51 SNAP-IN WITH BEZEL



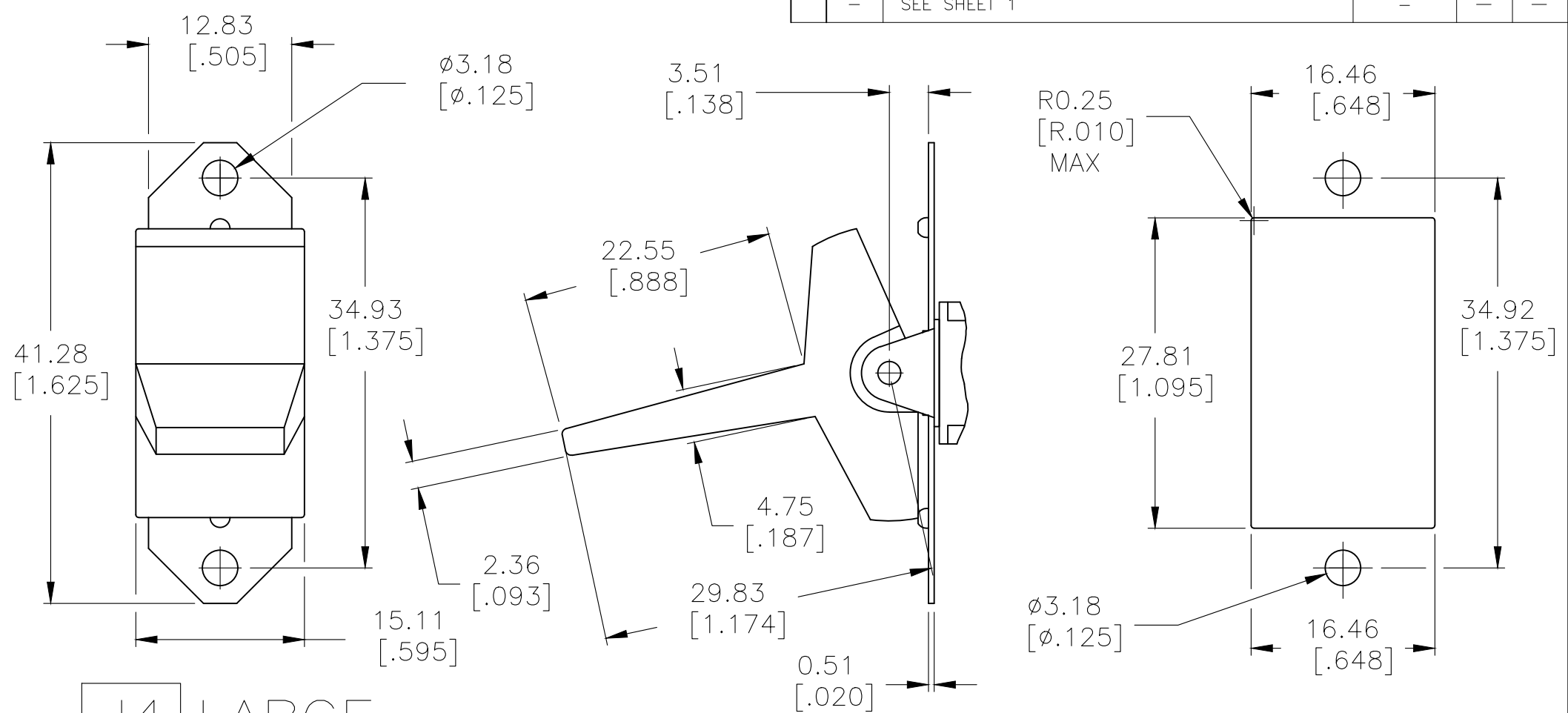
|                      |                        |
|----------------------|------------------------|
| 1.52-3.17[.060-.125] | 15.75-15.87[.620-.625] |
| 1.19-1.50[.047-.059] | 15.72[.619]            |
| PANEL THICKNESS      | DIM "A"                |

|                                                                                       |  |                                           |  |                                                                                                                 |  |              |  |                    |  |                         |  |                    |  |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|--------------|--|--------------------|--|-------------------------|--|--------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>M.BINNER<br>06JAN05                |  | <div>TE Connectivity</div> |  |              |  |                    |  |                         |  |                    |  |
|                                                                                       |  | CHK<br>M.ZITTO<br>06JAN05                 |  |                                                                                                                 |  |              |  |                    |  |                         |  |                    |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | NAME<br><br>GEMINI A SERIES ROCKER SWITCH<br>DOUBLE POLE                                                        |  |              |  |                    |  |                         |  |                    |  |
|  |  | APVD<br>M.ZITTO<br>06JAN05                |  |                                                                                                                 |  |              |  |                    |  |                         |  |                    |  |
|                                                                                       |  | PRODUCT SPEC<br>—                         |  |                                                                                                                 |  |              |  |                    |  |                         |  |                    |  |
|                                                                                       |  | APPLICATION SPEC<br>—                     |  |                                                                                                                 |  |              |  |                    |  |                         |  |                    |  |
| MATERIAL<br>—                                                                         |  | FINISH<br>—                               |  | WEIGHT<br>—                                                                                                     |  | SIZE<br>A2   |  | CAGE CODE<br>00779 |  | DRAWING NO<br>C=1571987 |  | RESTRICTED TO<br>— |  |
| CUSTOMER DRAWING                                                                      |  |                                           |  |                                                                                                                 |  | SCALE<br>2:1 |  | SHEET<br>2 of 5    |  | REV<br>A8               |  |                    |  |

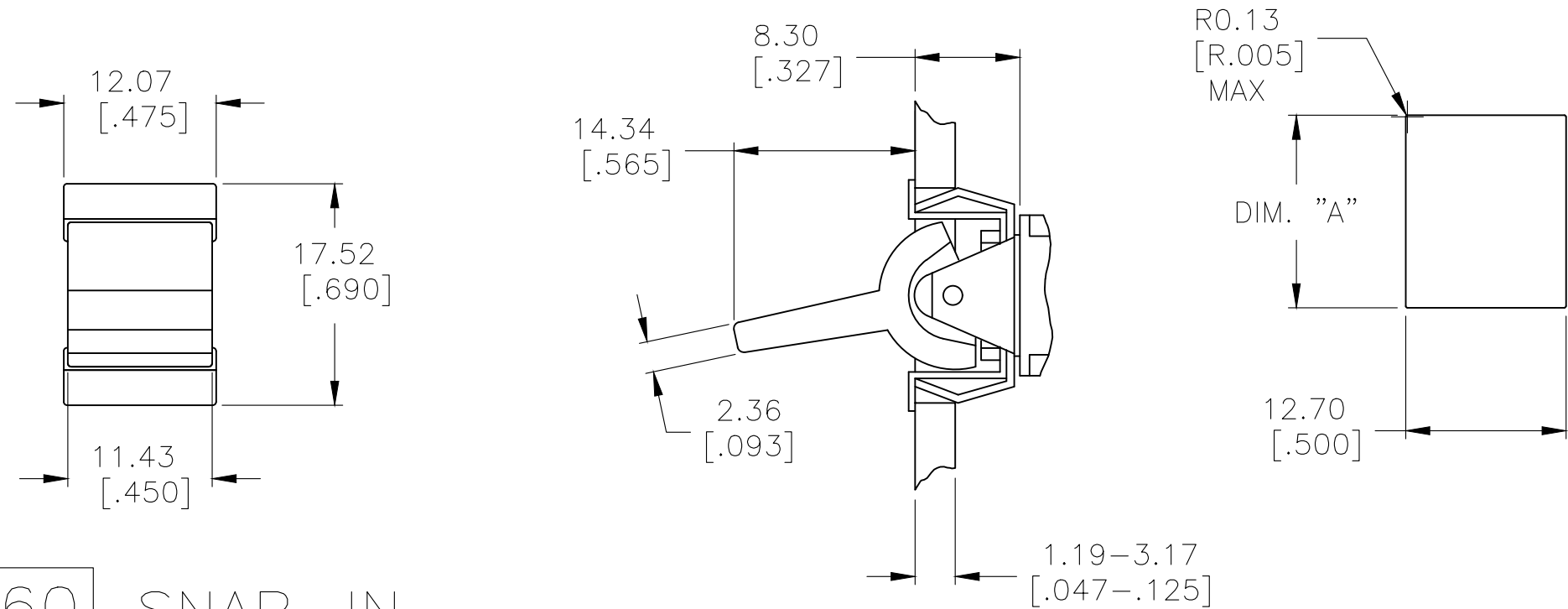
| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |



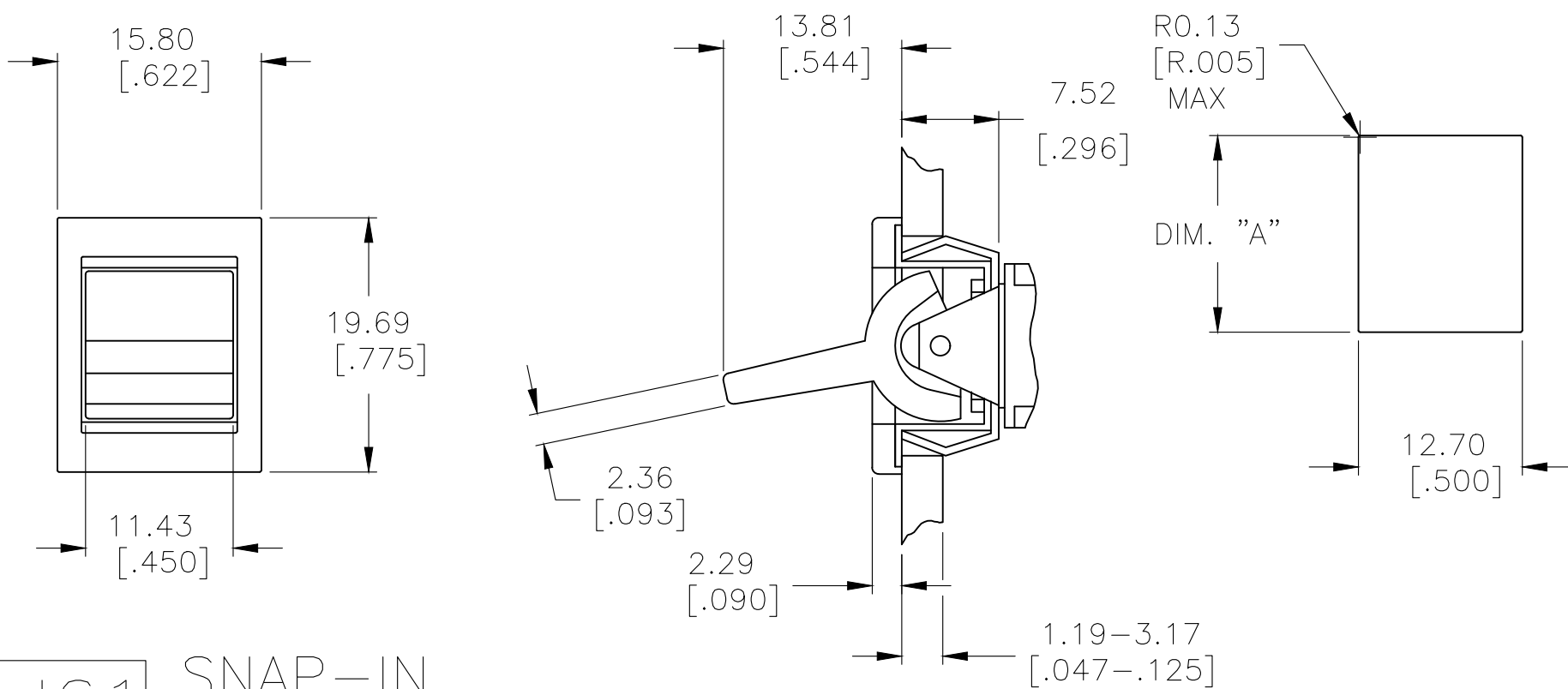
J2 SMALL



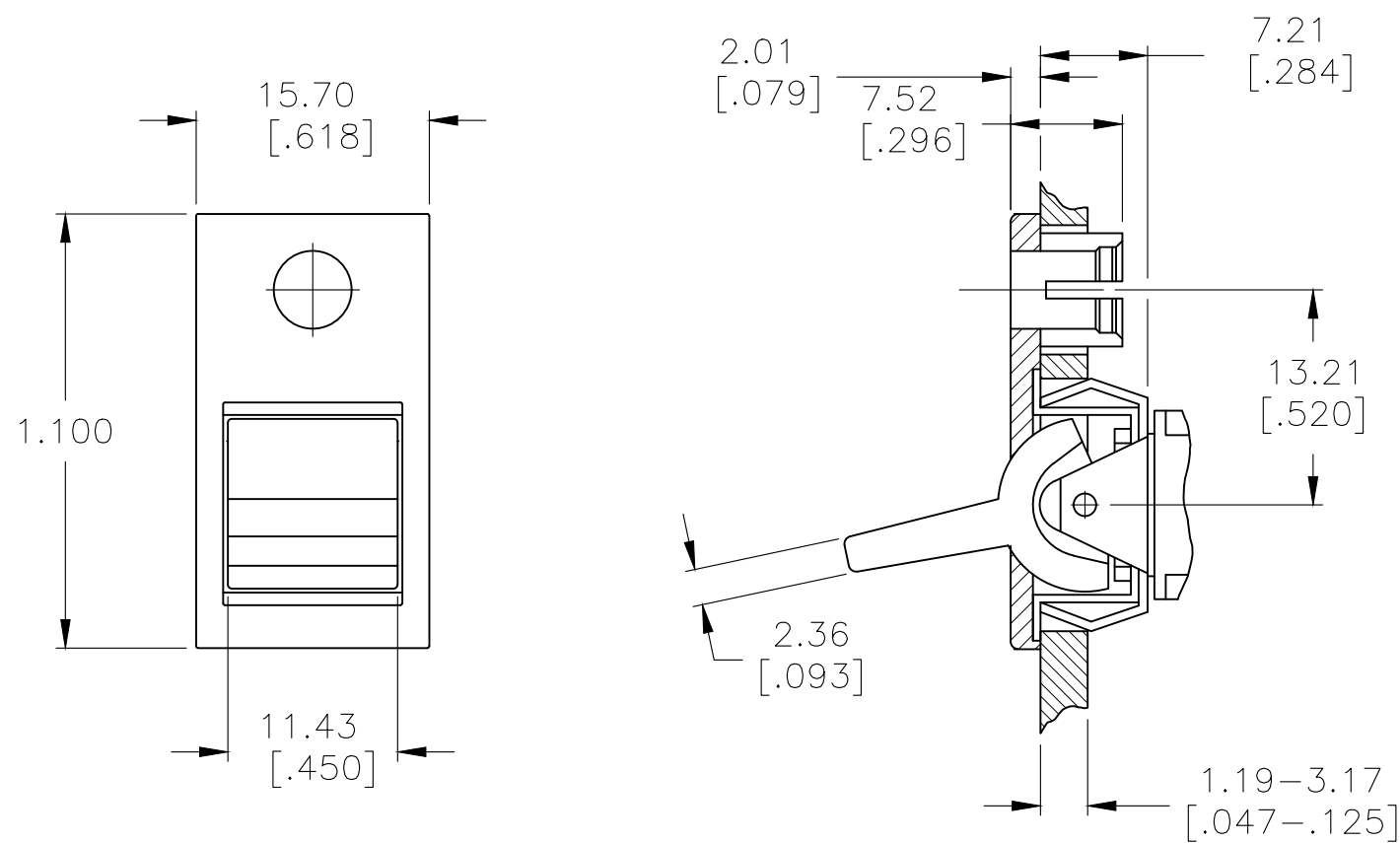
J4 LARGE



J60 SNAP-IN

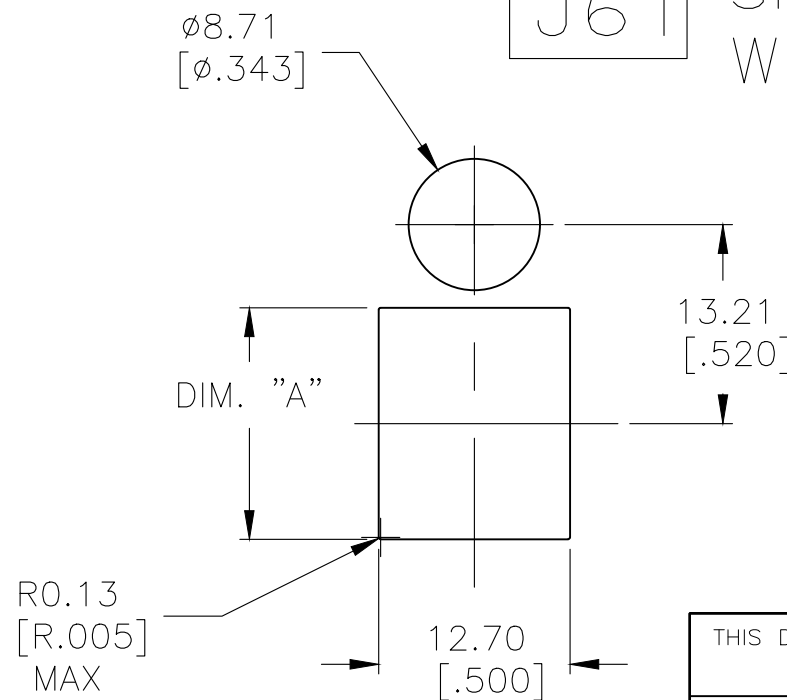


J61 SNAP-IN WITH BEZEL



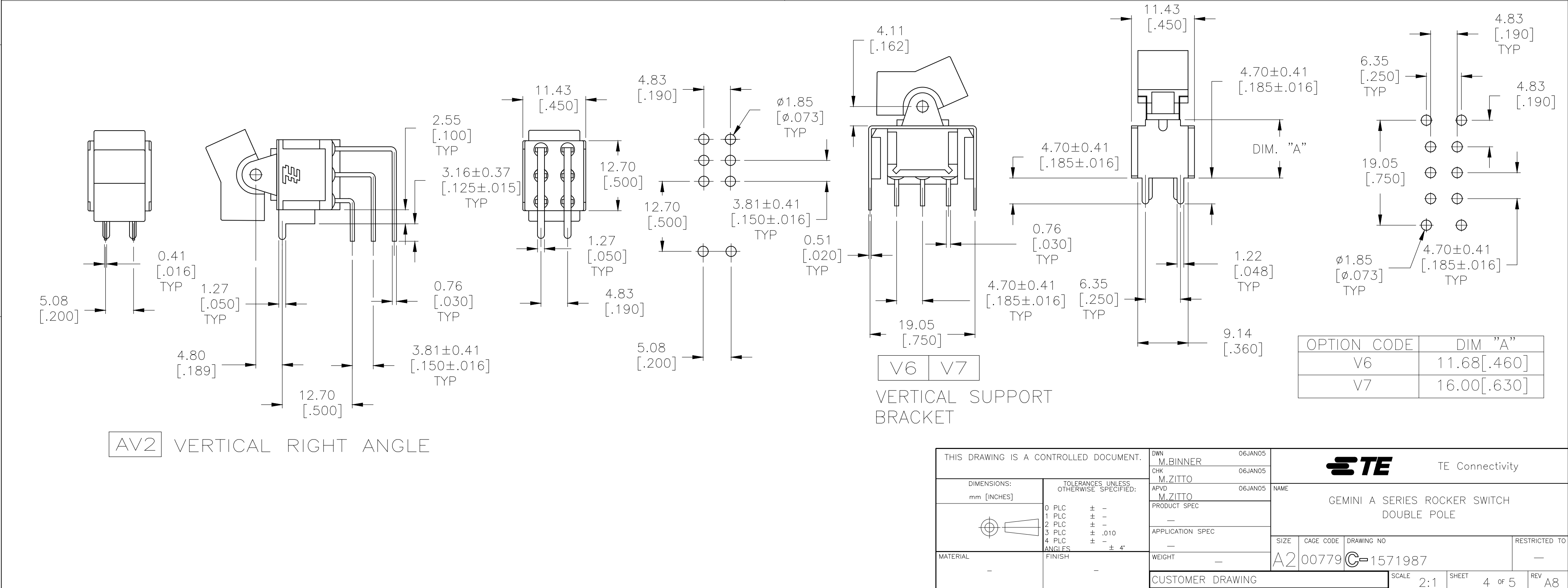
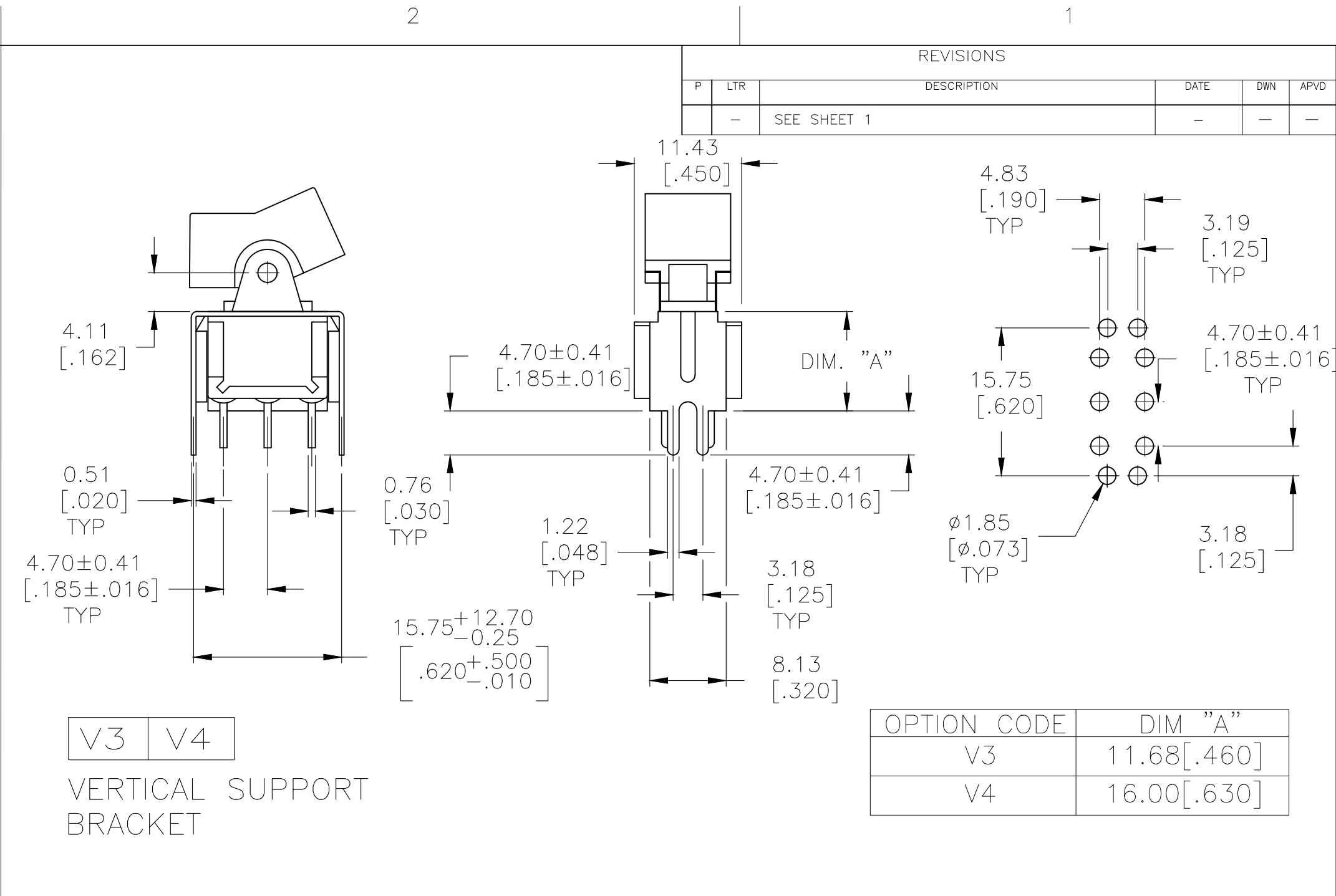
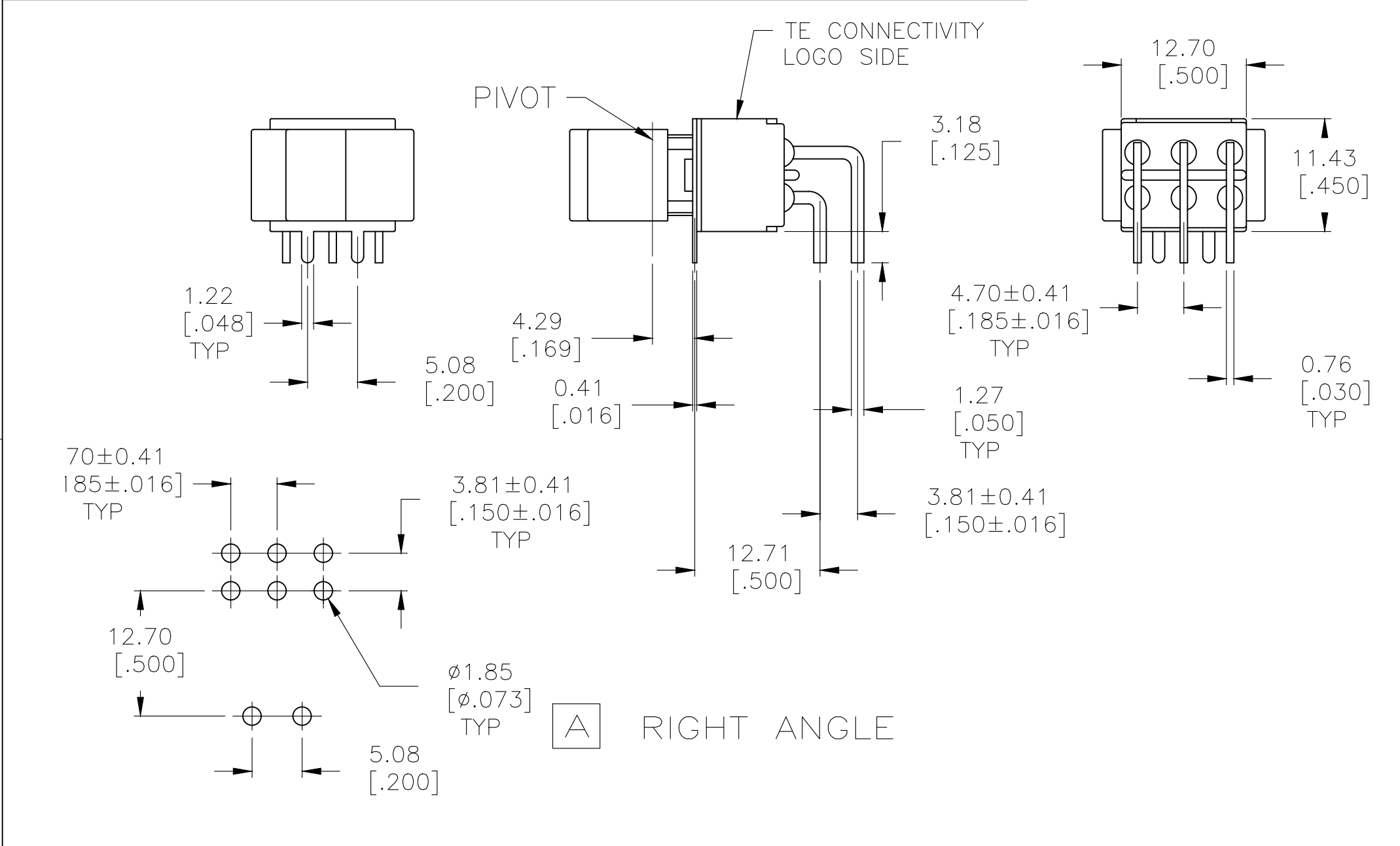
J62 SNAP-IN WITH BEZEL/L.E.D.

NOTE: L.E.D. NOT SUPPLIED

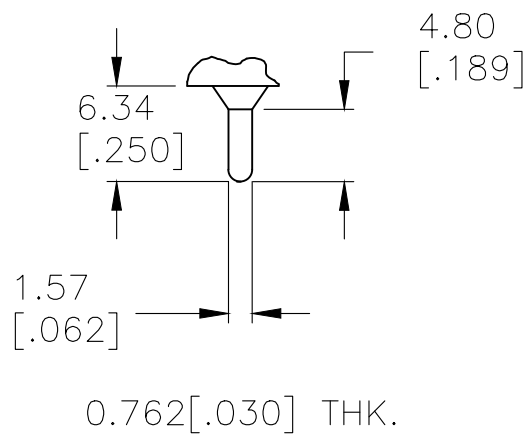


|                         |                           |
|-------------------------|---------------------------|
| 1.52-3.17 [0.060-0.125] | 15.75-15.87 [1.620-1.625] |
| 1.19-1.50 [0.047-0.059] | 15.72 [1.619]             |
| PANEL THICKNESS         | DIM "A"                   |

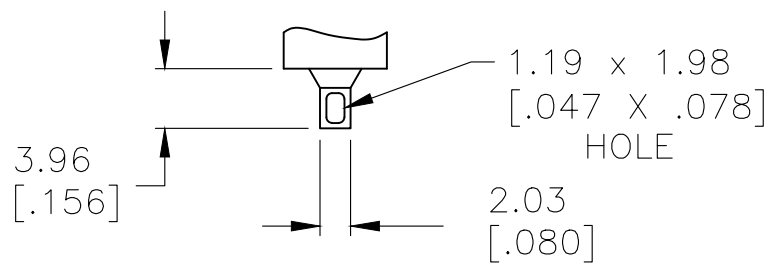
|                                        |  |                            |                                           |  |  |
|----------------------------------------|--|----------------------------|-------------------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>M.BINNER<br>06JAN05 | TE Connectivity                           |  |  |
| DIMENSIONS:<br>mm [INCHES]             |  | CHK<br>M.ZITTO<br>06JAN05  |                                           |  |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD<br>M.ZITTO<br>06JAN05 | NAME                                      |  |  |
| 0 PLC ± -                              |  | PRODUCT SPEC               | GEMINI A SERIES ROCKER SWITCH DOUBLE POLE |  |  |
| 1 PLC ± -                              |  | APPLICATION SPEC           | SIZE CAGE CODE DRAWING NO RESTRICTED TO   |  |  |
| 2 PLC ± -                              |  | WEIGHT -                   | A2 00779 C-1571987                        |  |  |
| 3 PLC ± .010                           |  | CUSTOMER DRAWING           | SCALE 2:1 SHEET 3 OF 5 REV A8             |  |  |
| 4 PLC ± -                              |  |                            |                                           |  |  |
| ANGLES ± 4°                            |  |                            |                                           |  |  |
| FINISH -                               |  |                            |                                           |  |  |



| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | —   | SEE SHEET 1 | —    | —   | —    |



## Z3 QUICK CONNECT



0.762[.030] THK.

Z WIRE LUG

|          |                |             |
|----------|----------------|-------------|
| OBSOLETE | A213J61ZQ0004  | 4-1571987-4 |
|          | A211J51ZQ0004  | 4-1571987-3 |
|          | A208J61ZQ0004  | 4-1571987-2 |
| OBSOLETE | A208J51ZQ0004  | 4-1571987-1 |
| OBSOLETE | A208J1V3Q004   | 4-1571987-0 |
| OBSOLETE | NOT ASSIGNED   | 3-1571987-9 |
|          | A207J61ZQ0004  | 3-1571987-8 |
|          | A207J51ZQ0004  | 3-1571987-7 |
| OBSOLETE | A207J3ZQ004    | 3-1571987-6 |
| OBSOLETE | A207J1ZQ004    | 3-1571987-5 |
|          | A205J61ZQ0004  | 3-1571987-4 |
|          | A205J51ZQ0004  | 3-1571987-3 |
| OBSOLETE | A205J2ZQ004    | 3-1571987-2 |
|          | A205J2CQ004    | 3-1571987-1 |
|          | A205J1ZQ004    | 3-1571987-0 |
|          | A205J1AV2Q004  | 2-1571987-9 |
| OBSOLETE | NOT ASSIGNED   | 2-1571987-8 |
|          | A203J61ZQ0004  | 2-1571987-7 |
|          | A203J51ZQ0004  | 2-1571987-6 |
| OBSOLETE | NOT ASSIGNED   | 2-1571987-5 |
| OBSOLETE | A203J1ZQ004    | 2-1571987-4 |
| OBSOLETE | NOT ASSIGNED   | 2-1571987-3 |
| OBSOLETE | A203J1CQ204    | 2-1571987-2 |
|          | A203J1AV2Q004  | 2-1571987-1 |
|          | A203J1AQ004    | 2-1571987-0 |
|          | A201J61ZQ0004  | 1-1571987-9 |
| OBSOLETE | A201J61Z3Q0004 | 1-1571987-8 |
| OBSOLETE | A201J51ZQ9904  | 1-1571987-7 |
| OBSOLETE | NOT ASSIGNED   | 1-1571987-6 |
|          | A201J51ZQ0004  | 1-1571987-5 |
| OBSOLETE | A201J50ZQ004   | 1-1571987-4 |
| OBSOLETE | A201J50AV2Q804 | 1-1571987-3 |
| OBSOLETE | A201J50AV2Q004 | 1-1571987-2 |
|          | A201J3ZQ004    | 1-1571987-1 |
|          | A201J3ZB004    | 1-1571987-0 |
| OBSOLETE | A201J2ZQ004    | 1571987-9   |
|          | A201J2CQ004    | 1571987-8   |
|          | A201J1ZQ004    | 1571987-7   |
| OBSOLETE | A201J1V3Q004   | 1571987-6   |
|          | A201J1CQ004    | 1571987-5   |
|          | A201J1AV2Q004  | 1571987-4   |
|          | A201J1AQ204    | 1571987-3   |
|          | A201J1AQ004    | 1571987-2   |
| OBSOLETE | A211J61Z3Q0004 | 1571987-1   |
|          | ALCO P/N       | P/N         |

|                                                                                       |  |                                           |  |                                                                                                       |                    |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>M.BINNER<br>06JAN05                |  |  TE Connectivity |                    |
|                                                                                       |  | CHK<br>M.ZITTO<br>06JAN05                 |  |                                                                                                       |                    |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | NAME<br><br>GEMINI A SERIES ROCKER SWITCH<br>DOUBLE POLE                                              |                    |
|  |  | APVD<br>M.ZITTO<br>06JAN05                |  |                                                                                                       |                    |
| 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± .010<br>4 PLC ± -<br>ANGLES ± 4°       |  | PRODUCT SPEC<br>-                         |  |                                                                                                       |                    |
| MATERIAL<br>-                                                                         |  | APPLICATION SPEC<br>-                     |  |                                                                                                       |                    |
| FINISH<br>-                                                                           |  | WEIGHT<br>-                               |  | SIZE<br>A2                                                                                            | CAGE CODE<br>00779 |
|                                                                                       |  | CUSTOMER DRAWING                          |  | DRAWING NO<br>C-1571987                                                                               | RESTRICTED TO<br>- |
|                                                                                       |  |                                           |  | SCALE<br>2:1                                                                                          | SHEET<br>5 of 5    |
|                                                                                       |  |                                           |  | REV<br>A8                                                                                             |                    |

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