

4

3

2

1

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TE CONNECTIVITY LOGO

3

RATING

2A 250VAC

5A 120VAC

EPOXY SEAL

1

2

3

DATE CODE

04-YEAR

01-WEEK

AND

COUNTRY

OF ORIGIN

6

FUNCTION

ON

ON

ALCO

8.89

[.350]

1.52

[.060]

4.83

[.190]

4.70±0.41

[.185±.016]

12.70

[.500]

11.43

[.450]

1.02

[.040]

1

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

2

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.

3

TE CONNECTIVITY LOGO PER PER TEC-202-36.

5

SP3T FUNCTION ACHIEVED WITH FUNCTIONS 11, 13, & 15 BY CUSTOMER APPLIED JUMPER BETWEEN TERMINALS 3 & 5.

6

DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.

7

PANEL MOUNT BRACKET SUPPLIED WITH TERMINALS W, Z AND Z3 ONLY.

8

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 (11, 13 & 15 ONLY) 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 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.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .010

4 PLC ± -

ANGLES ± 4°

FINISH -

DWN M.BINNER 06JAN05

CHK M.ZITTO 06JAN05

APVD M.ZITTO 06JAN05

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

GEMINI A SERIES ROCKER SWITCH DOUBLE POLE

SIZE A2

CAGE CODE 00779

DRAWING NO C-1571987

RESTRICTED TO -

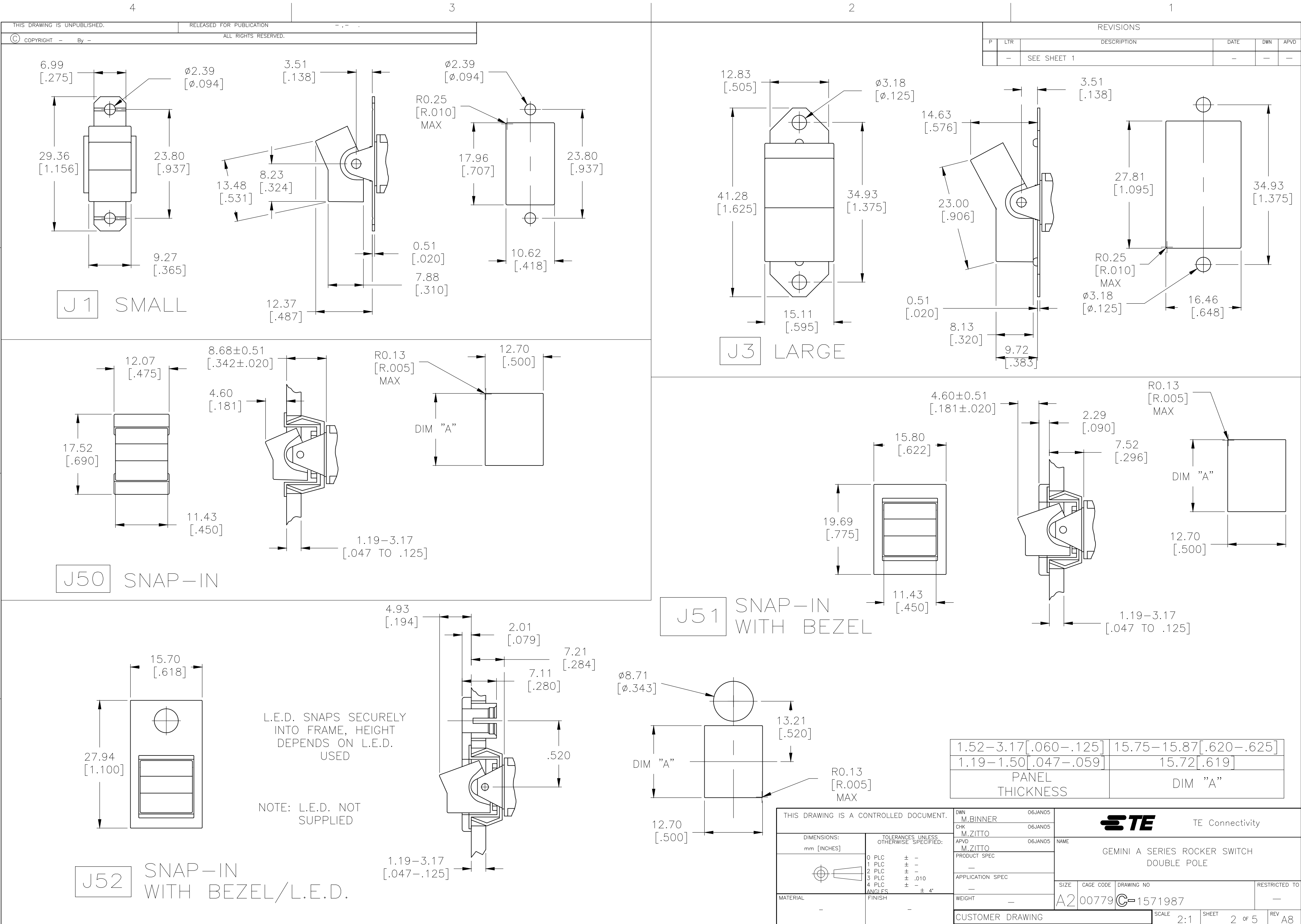
SCALE 2:1

SHEET 1 of 5

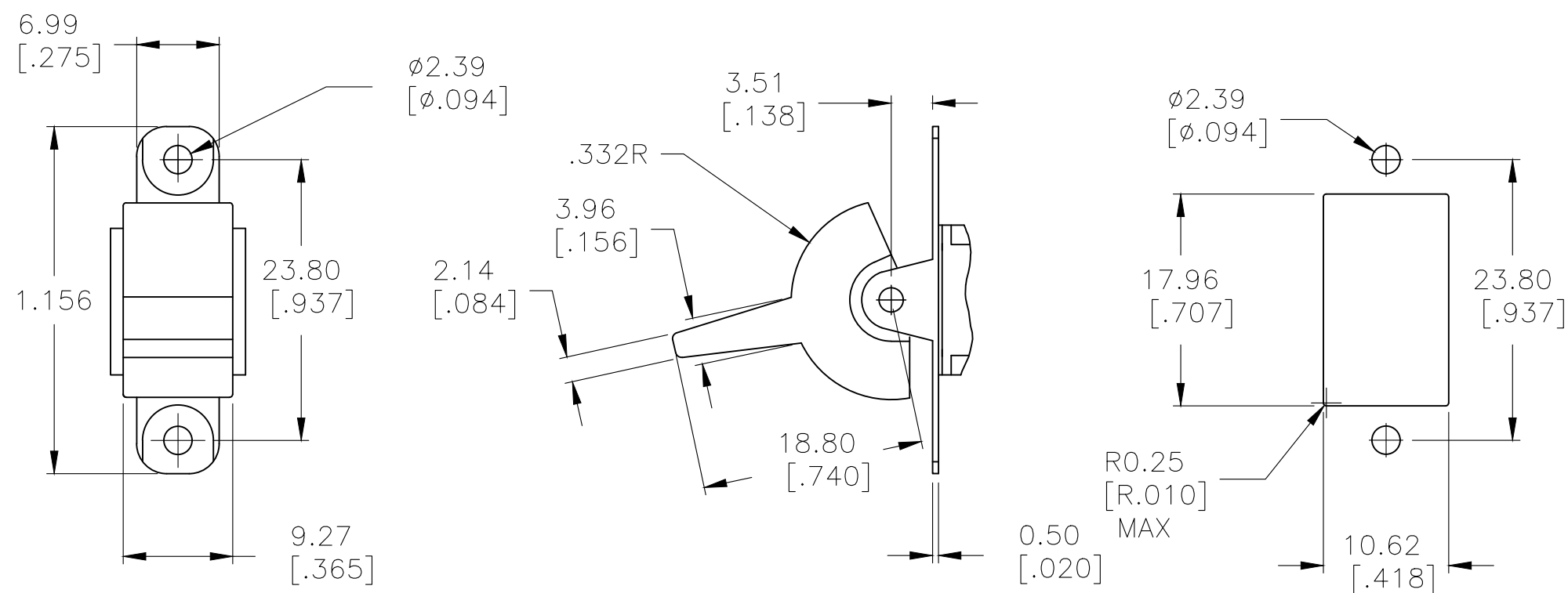
REV A8

1471-9 (1/15)

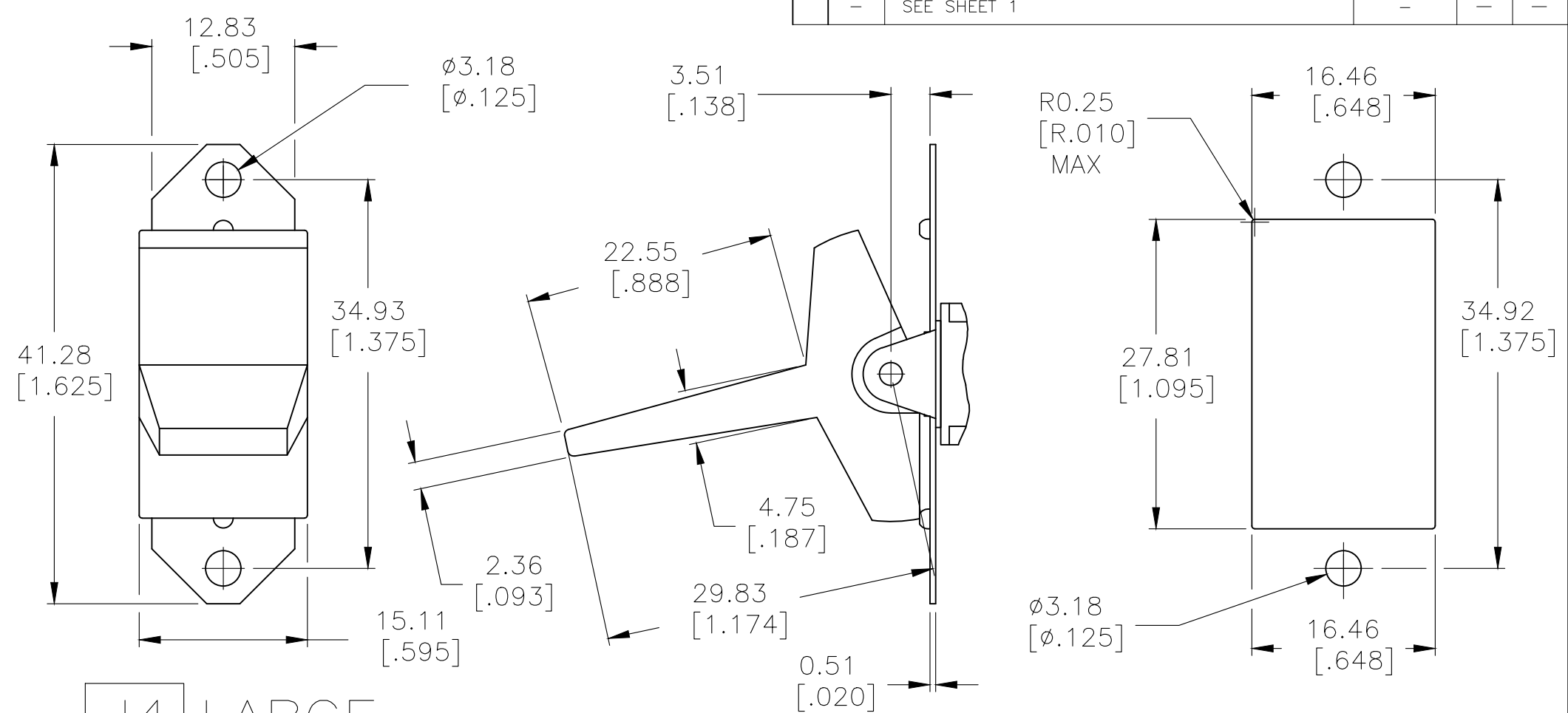
1571987



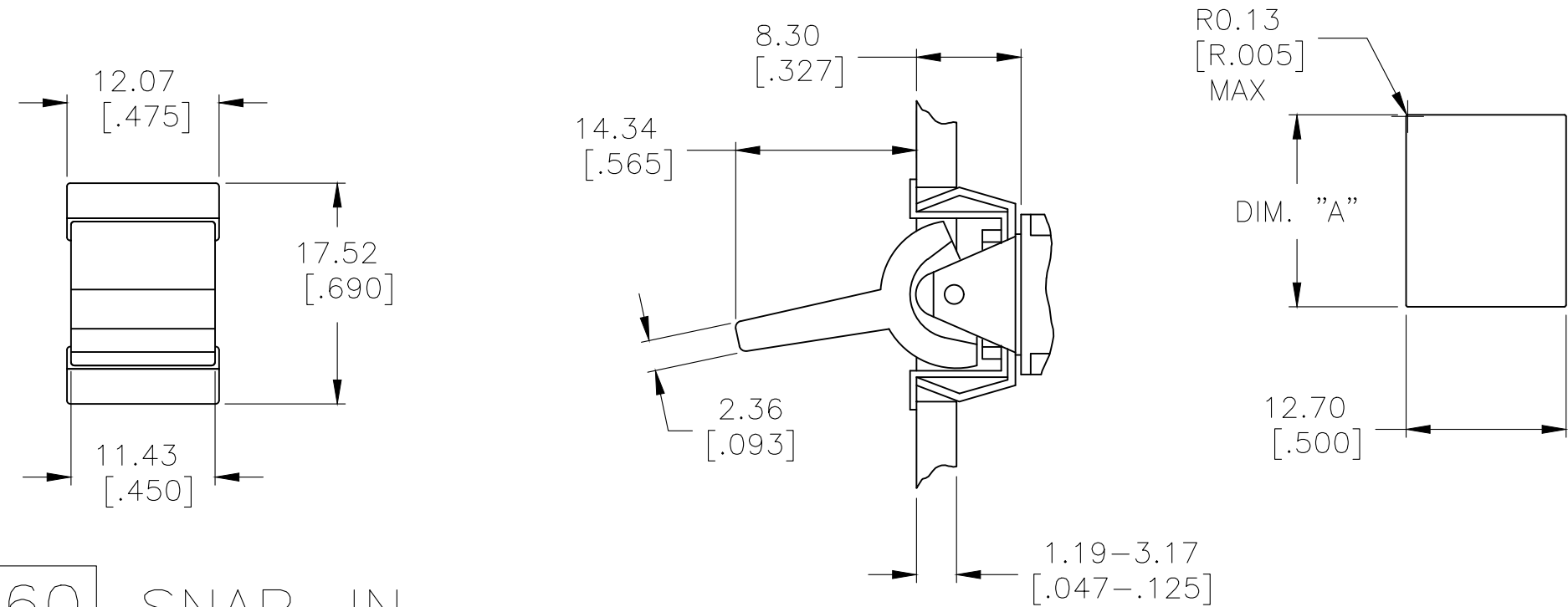
| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |



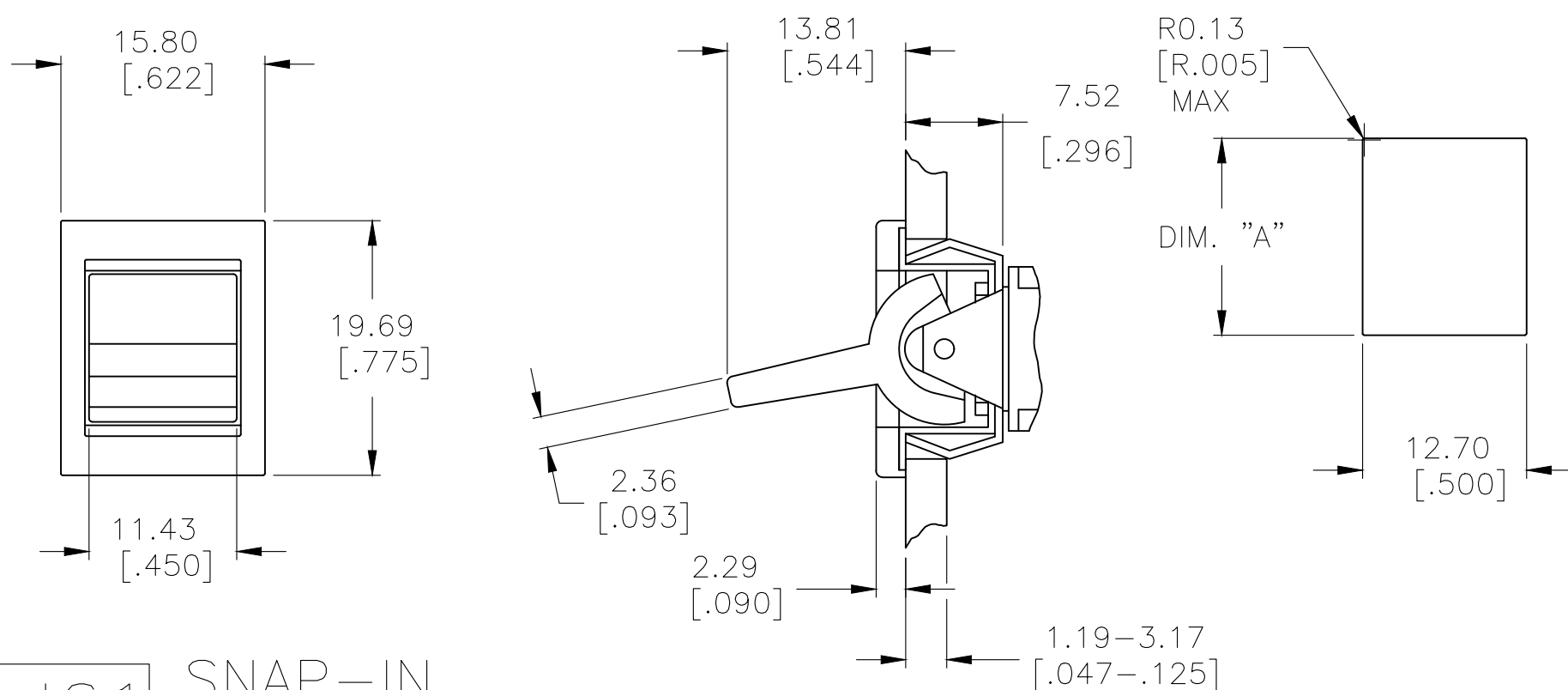
J2 SMALL



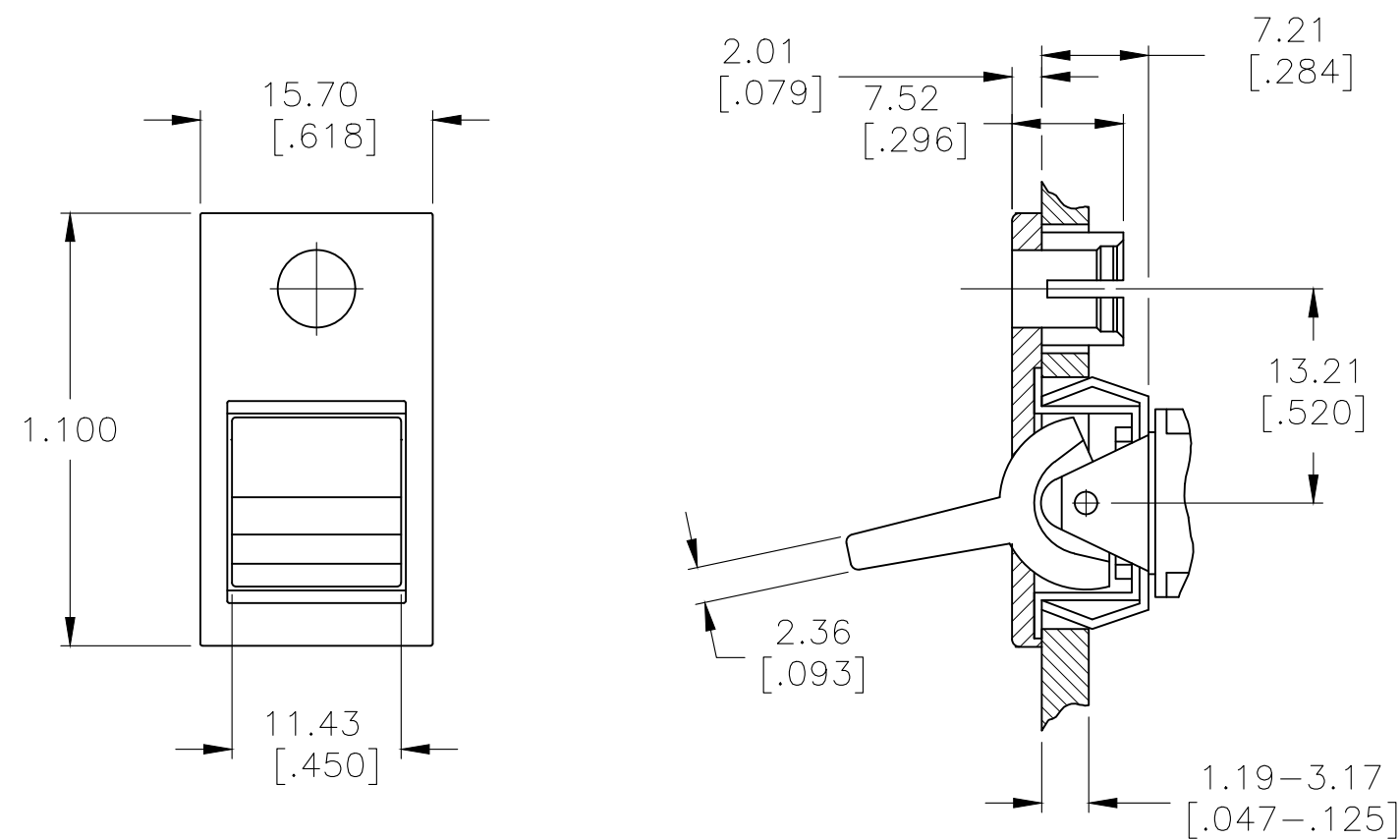
J4 LARGE



J60 SNAP-IN

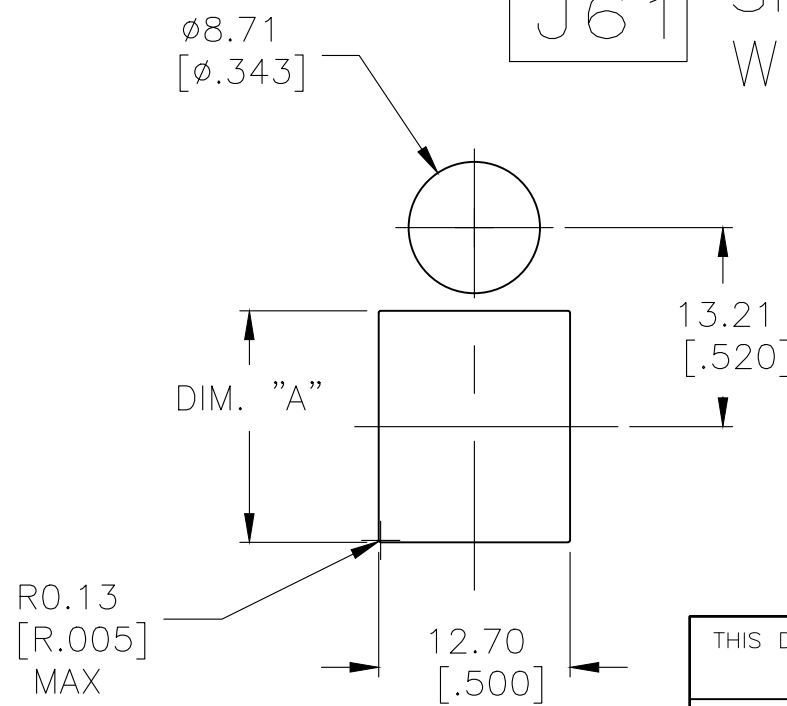


J61 SNAP-IN WITH BEZEL



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

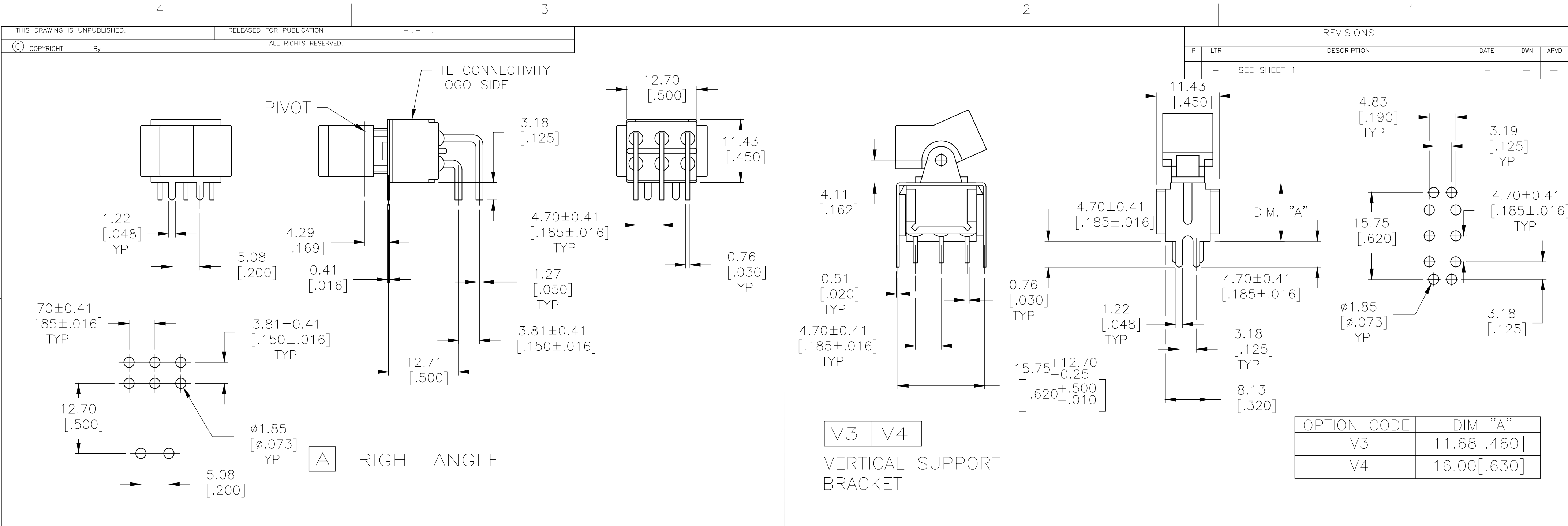
NOTE: L.E.D. NOT SUPPLIED

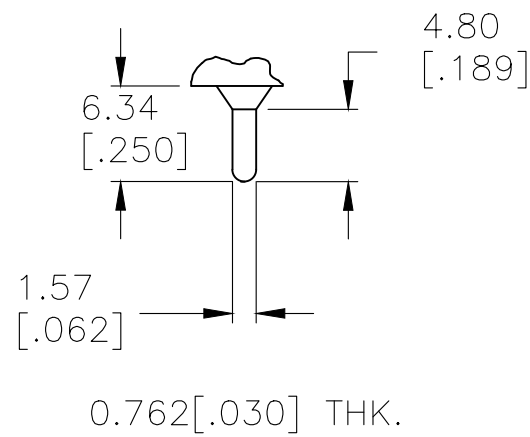


|                       |                         |
|-----------------------|-------------------------|
| 1.52-3.17 [.060-.125] | 15.75-15.87 [.620-.625] |
| 1.19-1.50 [.047-.059] | 15.72 [.619]            |
| PANEL THICKNESS       | DIM "A"                 |

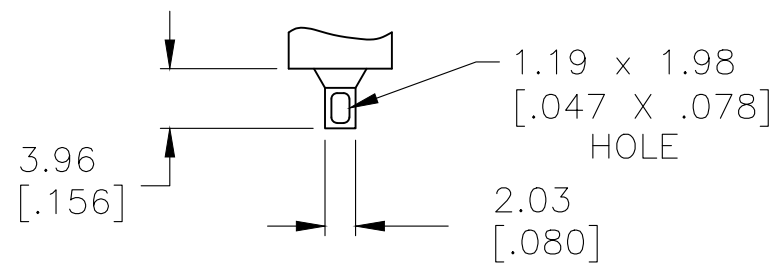
|                                                                                       |  |                                           |         |                                                                                                       |                         |                    |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|---------|-------------------------------------------------------------------------------------------------------|-------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>M.BINNER                           | 06JAN05 |  TE Connectivity |                         |                    |
|                                                                                       |  | CHK<br>M.ZITTO                            | 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                           |         |                                                                                                       |                         |                    |
|                                                                                       |  | PRODUCT SPEC<br>—                         |         | SIZE<br>A2                                                                                            |                         |                    |
|                                                                                       |  | APPLICATION SPEC<br>—                     |         |                                                                                                       |                         |                    |
| MATERIAL<br>—                                                                         |  | WEIGHT<br>—                               |         | CAGE CODE<br>00779                                                                                    | DRAWING NO<br>C-1571987 | RESTRICTED TO<br>— |
|                                                                                       |  | CUSTOMER DRAWING                          |         |                                                                                                       | SCALE<br>2:1            | SHEET<br>3 of 5    |
|                                                                                       |  |                                           |         |                                                                                                       | REV<br>A8               |                    |







## Z3 QUICK CONNECT



0.762[.030] THK.

Z WIRE LUG

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

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