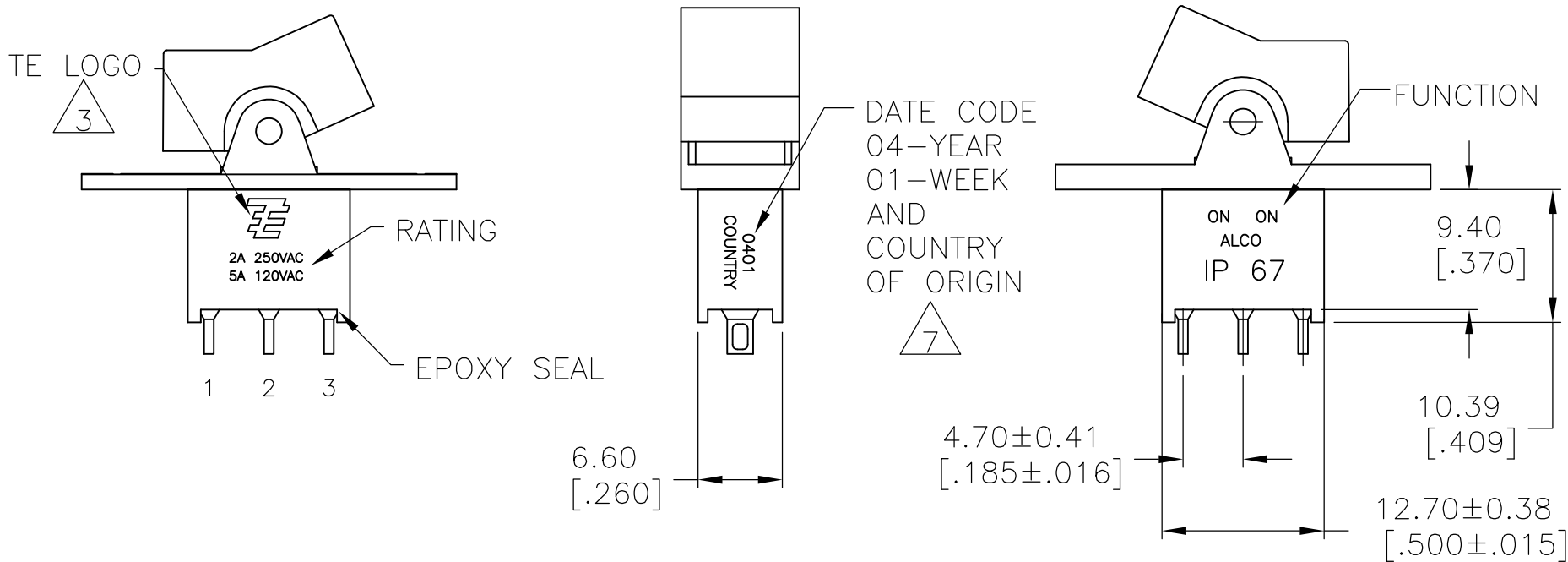


| LOC | DIST | REVISIONS |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
| AD  | 00   |           | A7  | REVISED PER ECO-14-005988 | 23APR2014 | NK  | RH   |



- 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 LOGO PER TEC-202-36.
- 5
- SWITCHES MEET REQUIREMENTS OF IP67
- 6
- PANEL MOUNT ACTUATOR PIVOT SUPPLIED WITH C, W, W4, Z & Z3 TERMINATIONS. PC MOUNT ACTUATOR PIVOT SUPPLIED WITH A, AV2, V3 & V4 TERMINATIONS
- 7
- DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.
- 8
- ALL LOGO, RATING, DATE CODE, AND FUNCTION MARKINGS TO BE LASER MARKED.

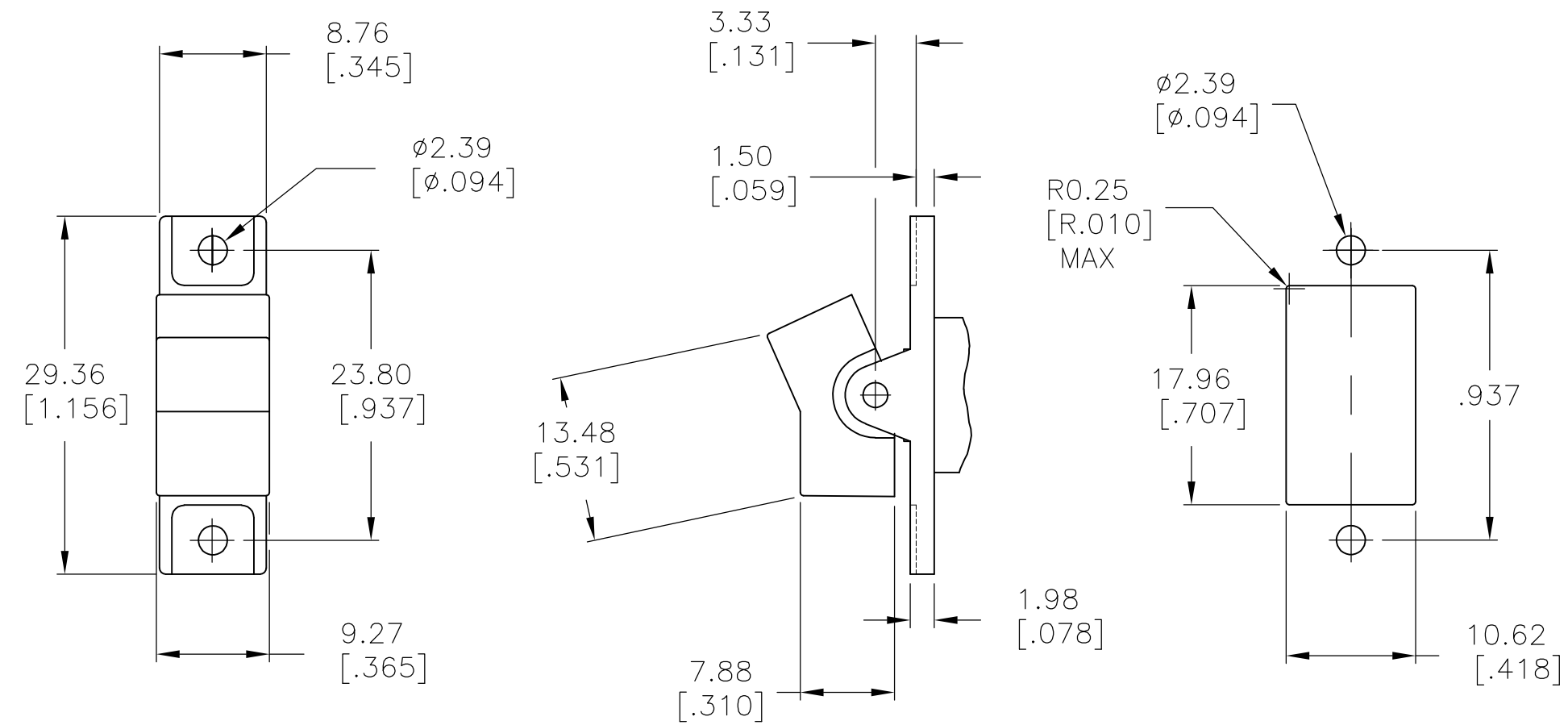
| FUNCTION CHART                                                                                                   |      |      |      |
|------------------------------------------------------------------------------------------------------------------|------|------|------|
| FUNCTION                                                                                                         |      |      |      |
| 01                                                                                                               | ON   | NONE | ON   |
| 03                                                                                                               | ON   | OFF  | ON   |
| 05                                                                                                               | (ON) | OFF  | (ON) |
| 07                                                                                                               | ON   | OFF  | (ON) |
| 08                                                                                                               | ON   | NONE | (ON) |
| TERMINALS CONNECTED                                                                                              | 2-3  | ---  | 1-2  |
| NONE: NO MECHANICAL POSITION<br>OFF: MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION<br>(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)        |
| RATING, Q CONTACTS              | 2A @250 VAC (RESISTIVE)                  |
|                                 | 5A @120 VAC OR 28 VDC (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                              |

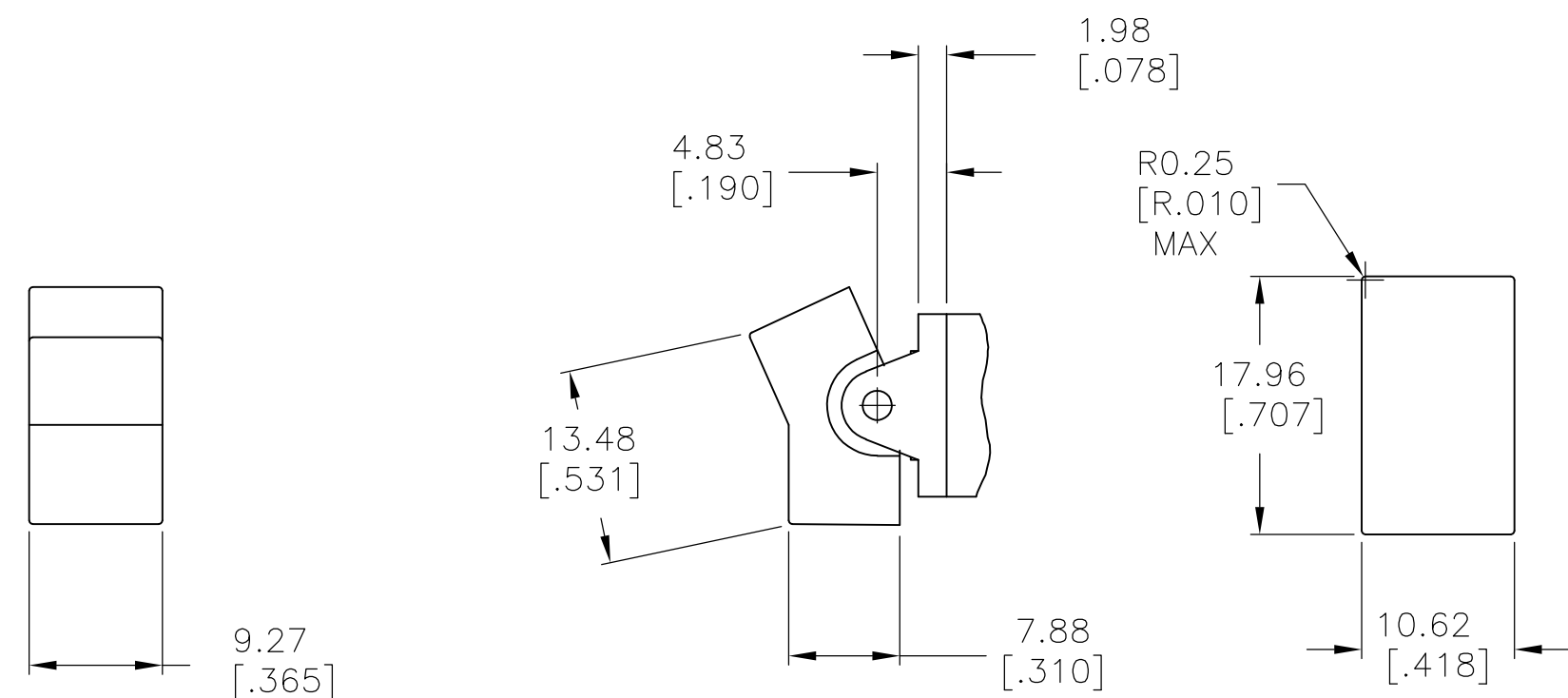
| PART NUMBER SEQUENCE |          |        |          |         |                |      |
|----------------------|----------|--------|----------|---------|----------------|------|
| MODEL                | FUNCTION | TOGGLE | TERMINAL | CONTACT | ACTUATOR COLOR | ROHS |
| AE1                  |          |        |          |         |                | 04   |
|                      | 01       | J1     | A        | B       | 0 BLACK (STD)  |      |
|                      | 03       | J50    | AV2      | G       | 1 BROWN        |      |
|                      | 05       | J2     | C        | Q       | 2 RED          |      |
|                      | 07       | J60    | V3       |         | 3 ORANGE       |      |
|                      | 08       |        | V4       |         | 4 YELLOW       |      |
|                      |          |        | W        |         | 5 GREEN        |      |
|                      |          |        | W4       |         | 6 BLUE         |      |
|                      |          |        | Z        |         | 8 GRAY         |      |
|                      |          |        | Z3       |         | 9 WHITE        |      |

|                                                                                       |  |                                            |  |                                                                                                       |           |            |               |
|---------------------------------------------------------------------------------------|--|--------------------------------------------|--|-------------------------------------------------------------------------------------------------------|-----------|------------|---------------|
| 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                                                                                                  |           |            |               |
|  |  | APVD<br>M.ZITTO<br>06JAN05                 |  | GEMINI AE SERIES ROCKER SWITCH<br>SINGLE POLE                                                         |           |            |               |
|                                                                                       |  | PRODUCT SPEC                               |  |                                                                                                       |           |            |               |
|                                                                                       |  | —                                          |  |                                                                                                       |           |            |               |
|                                                                                       |  | APPLICATION SPEC                           |  |                                                                                                       |           |            |               |
|                                                                                       |  | —                                          |  |                                                                                                       |           |            |               |
| MATERIAL                                                                              |  | FINISH                                     |  | SIZE                                                                                                  | CAGE CODE | DRAWING NO | RESTRICTED TO |
| —                                                                                     |  | —                                          |  | A2                                                                                                    | 00779     | C=1571988  | —             |
| CUSTOMER DRAWING                                                                      |  |                                            |  | SCALE                                                                                                 | SHEET     |            | REV           |
|                                                                                       |  |                                            |  | 2:1                                                                                                   | 1 of 5    |            | A7            |

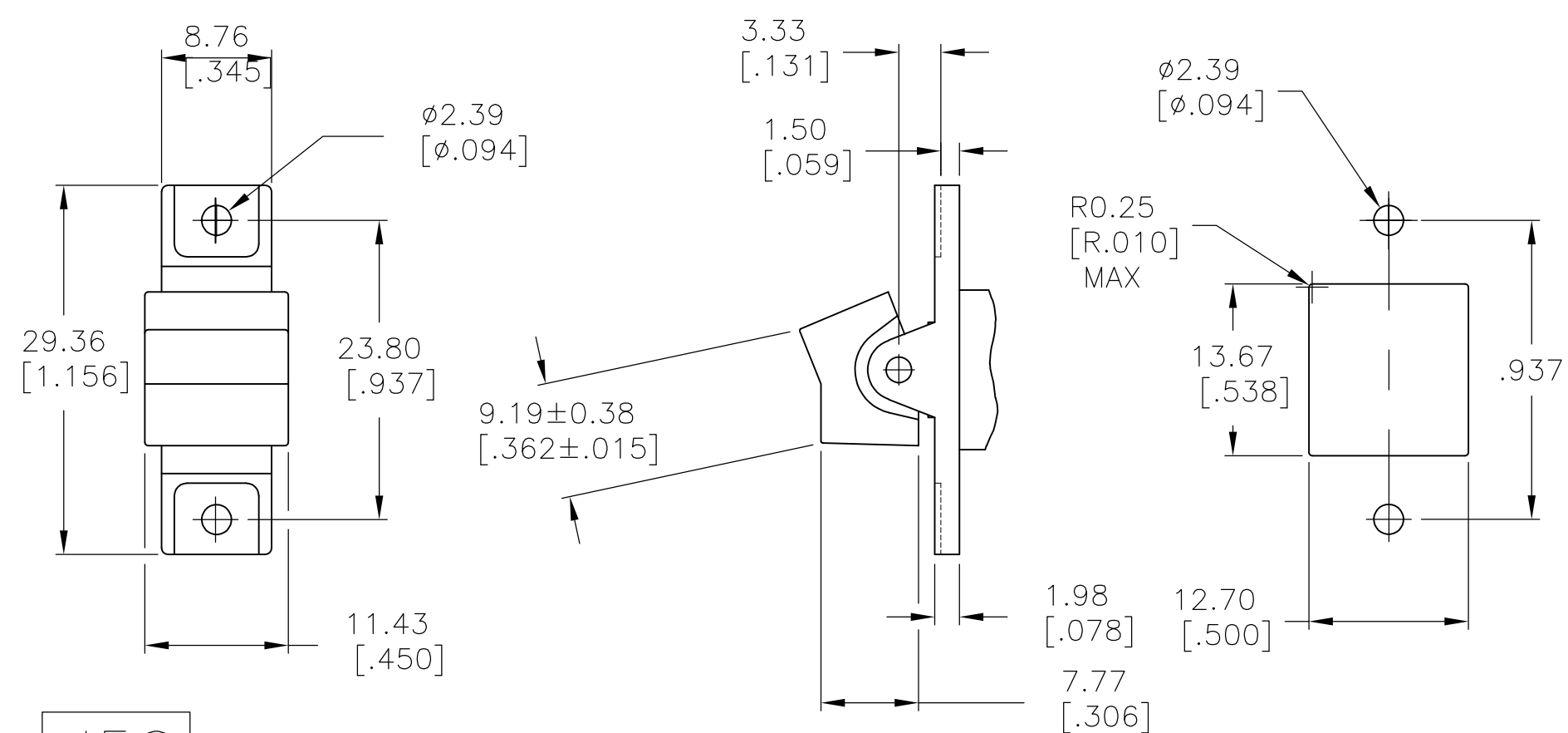
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|-----|------|-----------|-----|-------------|------|-----|------|
| AD  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      |           | —   | SEE SHEET 1 | —    | —   | —    |



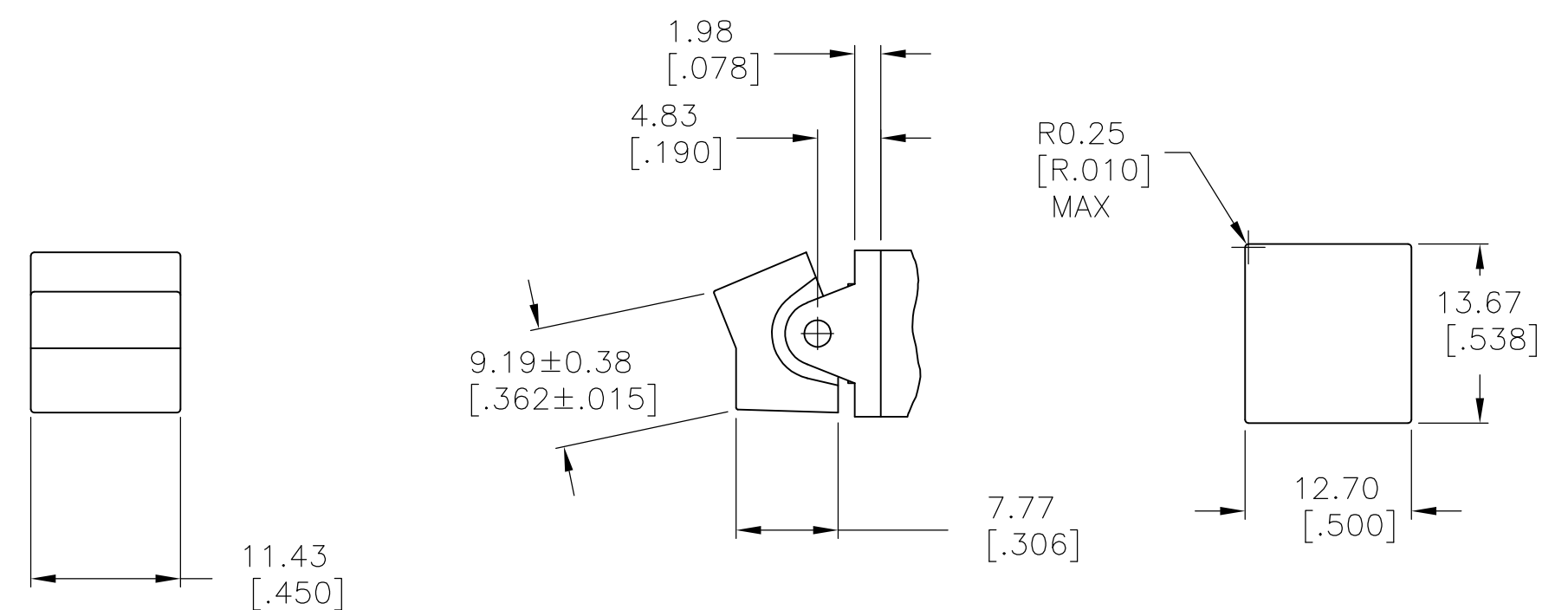
J1  SHOWN WITH PANEL MOUNT ACTUATOR PIVOT



  SHOWN WITH PC MOUNT ACTUATOR PIVOT



J50  SHOWN WITH PANEL MOUNT ACTUATOR PIVOT



J50  SHOWN WITH PC MOUNT ACTUATOR PIVOT

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

|                                                                                       |  |                                                                                                                             |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>M.BINNER<br>06JAN05<br>CHK<br>M.ZITTO<br>06JAN05                                                                     |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± .010<br>4 PLC ± -<br>ANGLES ± ± 4° |  | NAME<br>GEMINI AE SERIES ROCKER SWITCH<br>SINGLE POLE<br>-                                            |  |
|  |  | PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>-                                                                                  |  | SIZE<br>A2                                                                                            |  |
| MATERIAL<br>-                                                                         |  | FINISH<br>-                                                                                                                 |  | CAGE CODE<br>00779                                                                                    |  |
|                                                                                       |  | WEIGHT<br>-                                                                                                                 |  | DRAWING NO<br>C-1571988                                                                               |  |
| CUSTOMER DRAWING                                                                      |  |                                                                                                                             |  | RESTRICTED TO<br>-                                                                                    |  |
|                                                                                       |  |                                                                                                                             |  | SCALE 2:1<br>SHEET 2 OF 5<br>REV A7                                                                   |  |

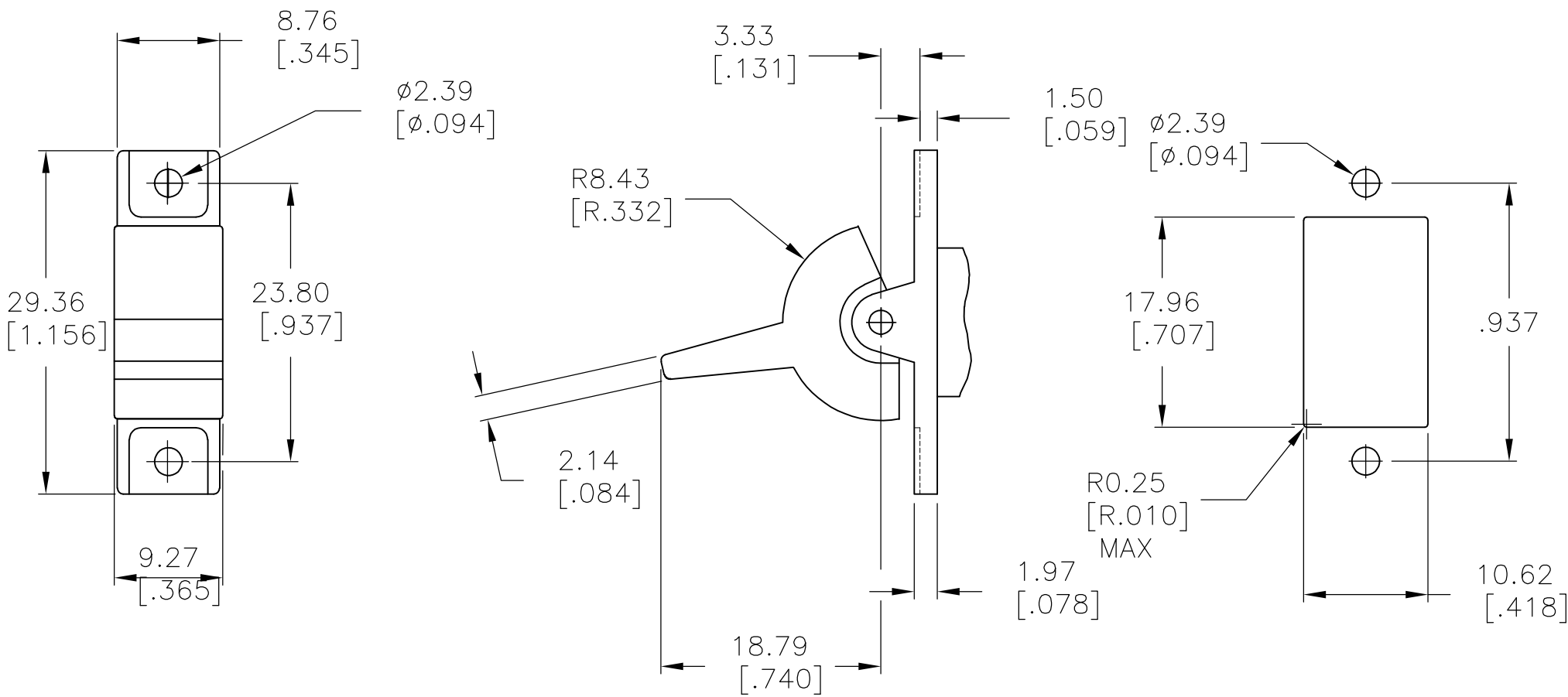
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| AD  | 00   |           |     |             |      |     |      |
|     |      |           | —   | SEE SHEET 1 | —    | —   | —    |

D

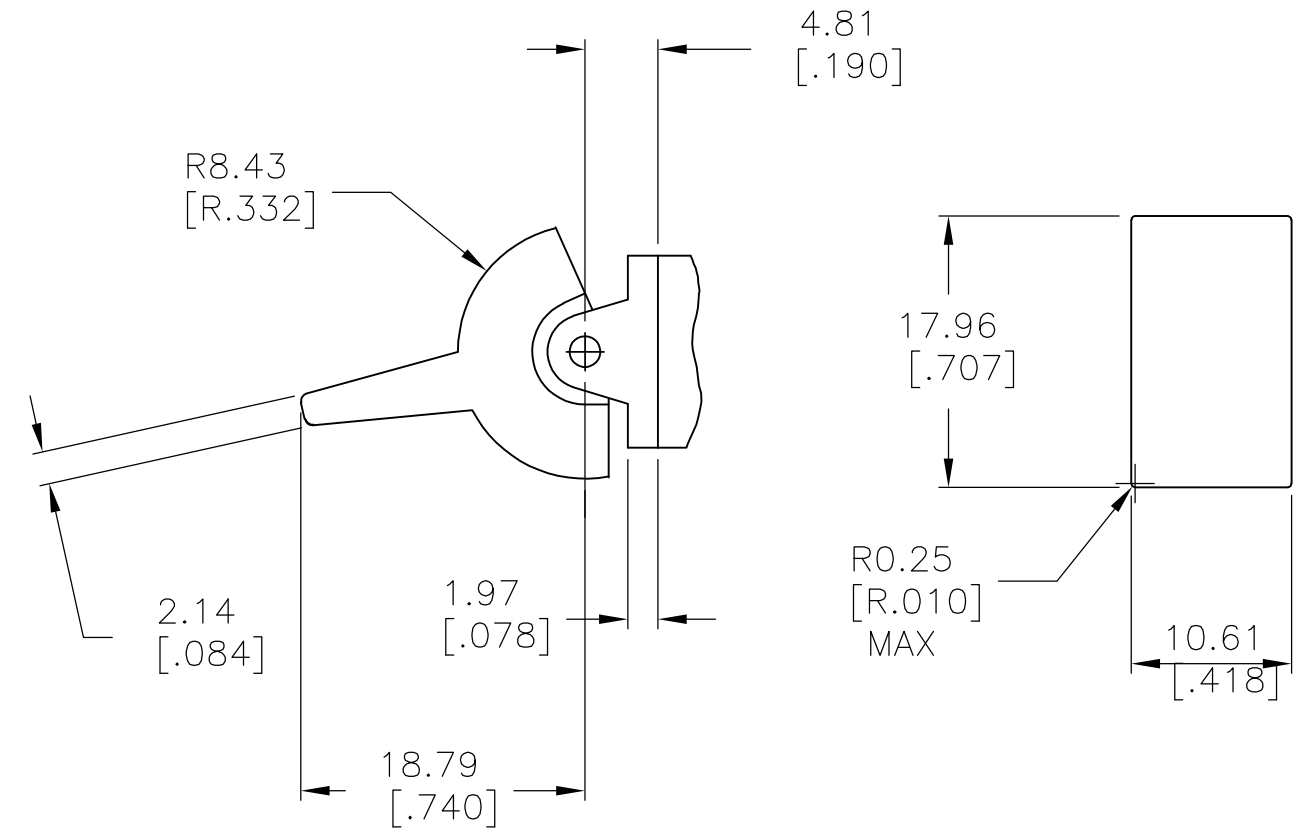
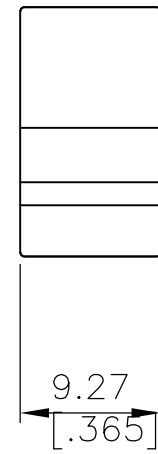
C

B

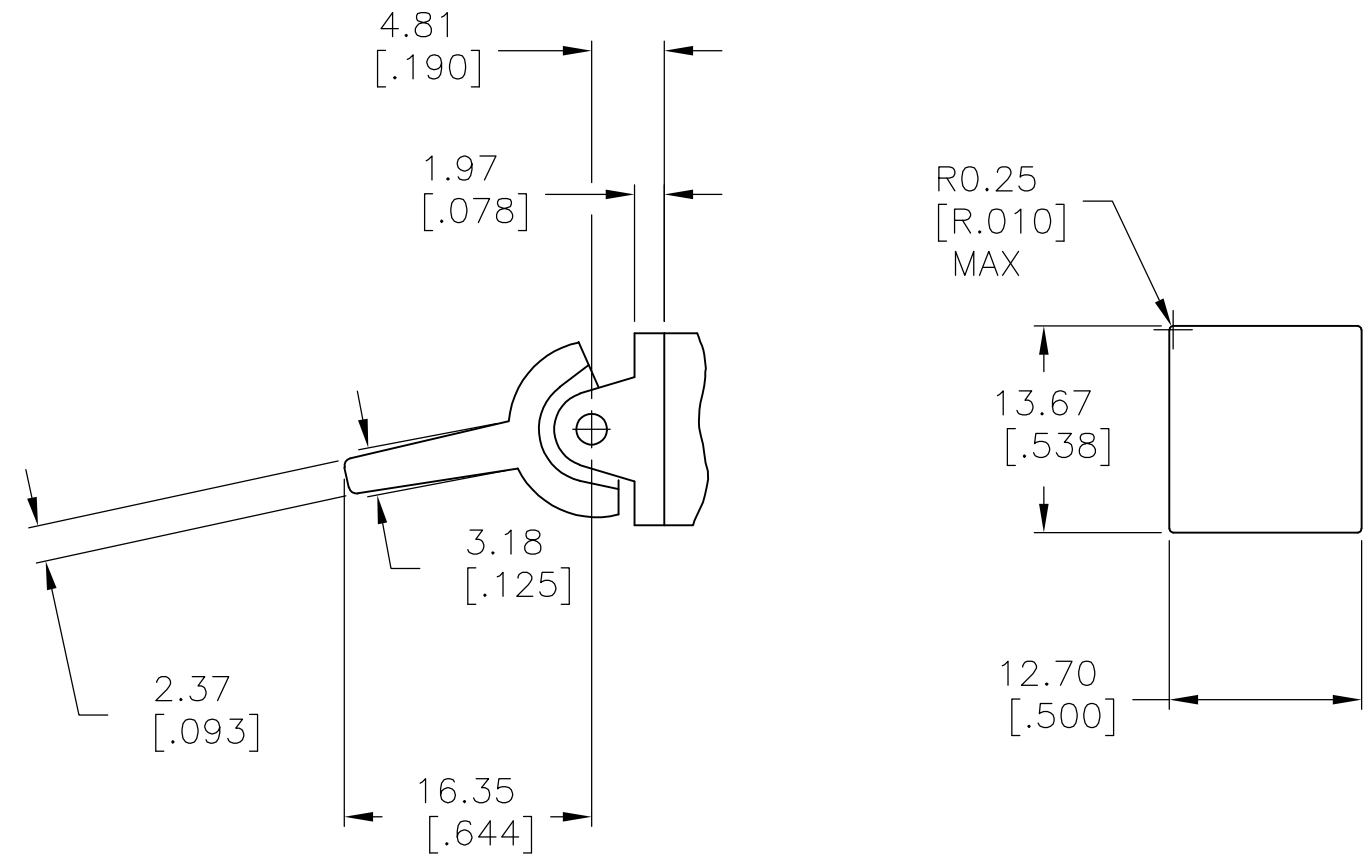
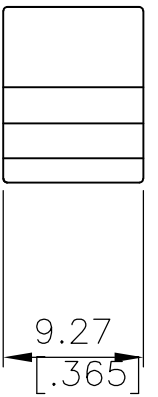
A



J2 SHOWN WITH PANEL MOUNT ACTUATOR PIVOT



J2 SHOWN WITH PC MOUNT ACTUATOR PIVOT



J60 SHOWN WITH PANEL MOUNT ACTUATOR PIVOT

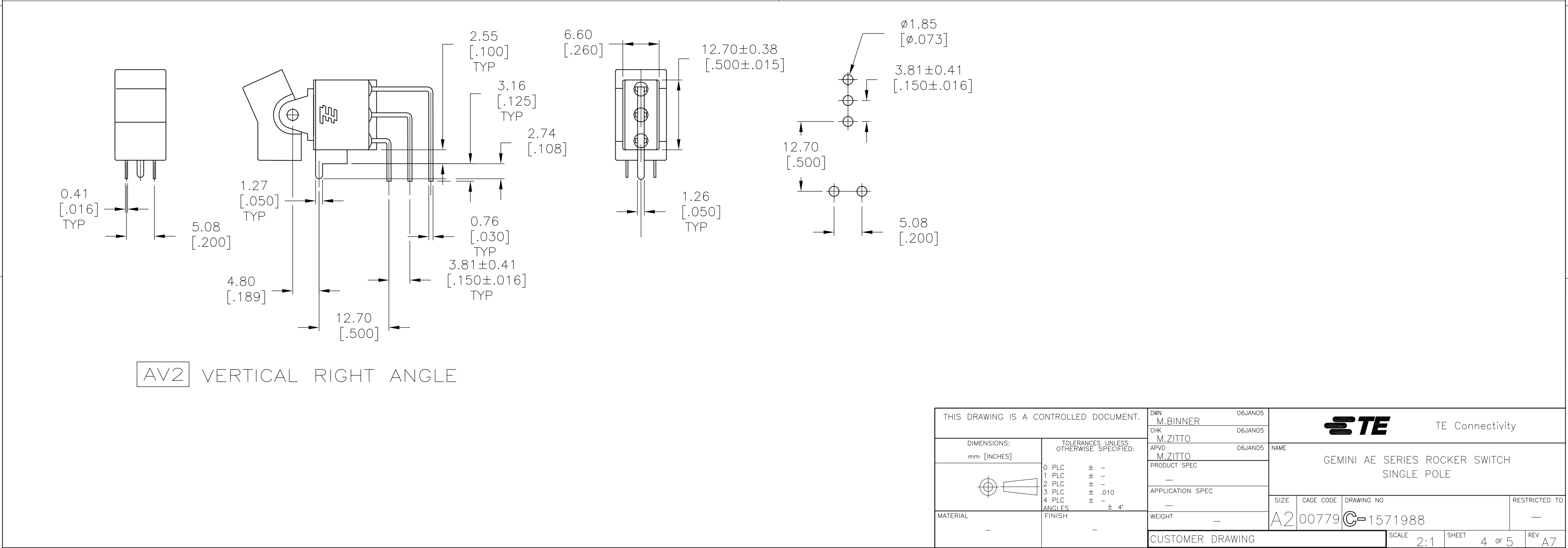
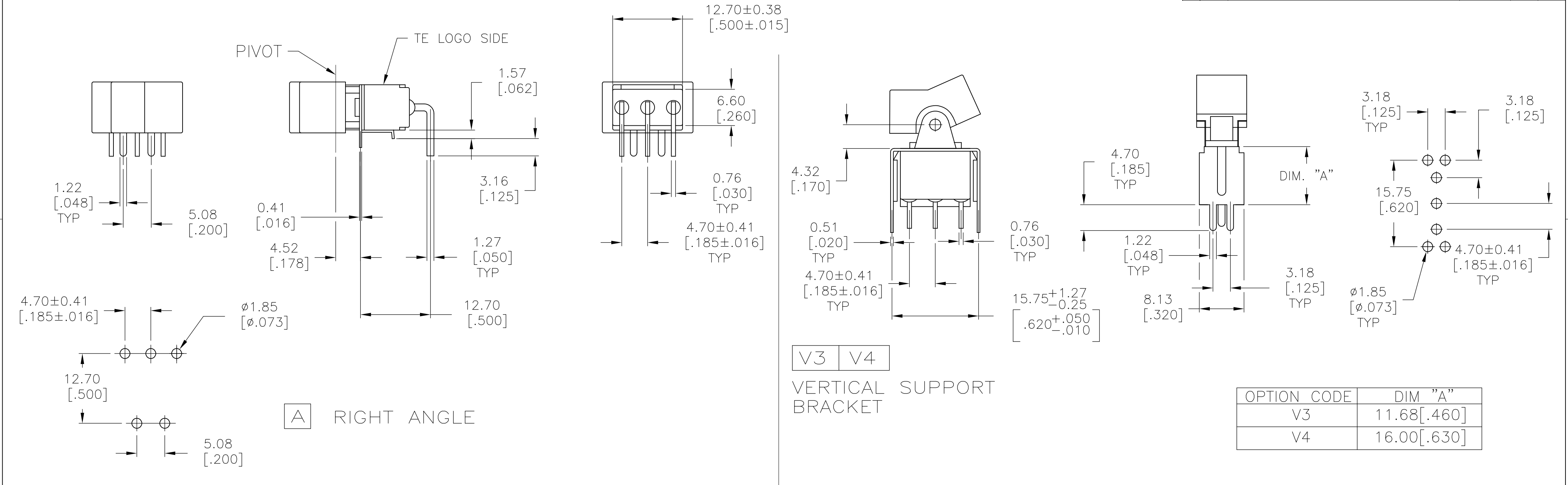
J60 SHOWN WITH PC MOUNT ACTUATOR PIVOT

|                         |                           |
|-------------------------|---------------------------|
| 1.52-3.17 [0.060-0.125] | 15.75-15.87 [0.620-0.625] |
| 1.19-1.50 [0.047-0.059] | 15.72 [0.619]             |
| 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  |                                                       |                       |               |
|                                                                                 |  | APVD<br>M.ZITTO<br>06JAN05 | NAME<br>GEMINI AE SERIES ROCKER SWITCH<br>SINGLE POLE |                       |               |
|                                                                                 |  | PRODUCT SPEC               |                                                       |                       |               |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                          |  | APPLICATION SPEC           | SIZE<br>A2                                            |                       |               |
| 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± .010<br>4 PLC ± -<br>ANGLES ± 4° |  | FINISH                     |                                                       |                       |               |
| MATERIAL                                                                        |  | WEIGHT                     | CAGE CODE<br>00779                                    | DRAWING NO<br>1571988 | RESTRICTED TO |
| -                                                                               |  | -                          | SCALE<br>2:1                                          | SHEET<br>3 of 5       | REV<br>A7     |
| CUSTOMER DRAWING                                                                |  |                            |                                                       |                       |               |



|     |      |           |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| LOC | DIST | REVISIONS |     |             |      |     |      |
| AD  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      |           | —   | SEE SHEET 1 | —    | —   | —    |



D

C

B

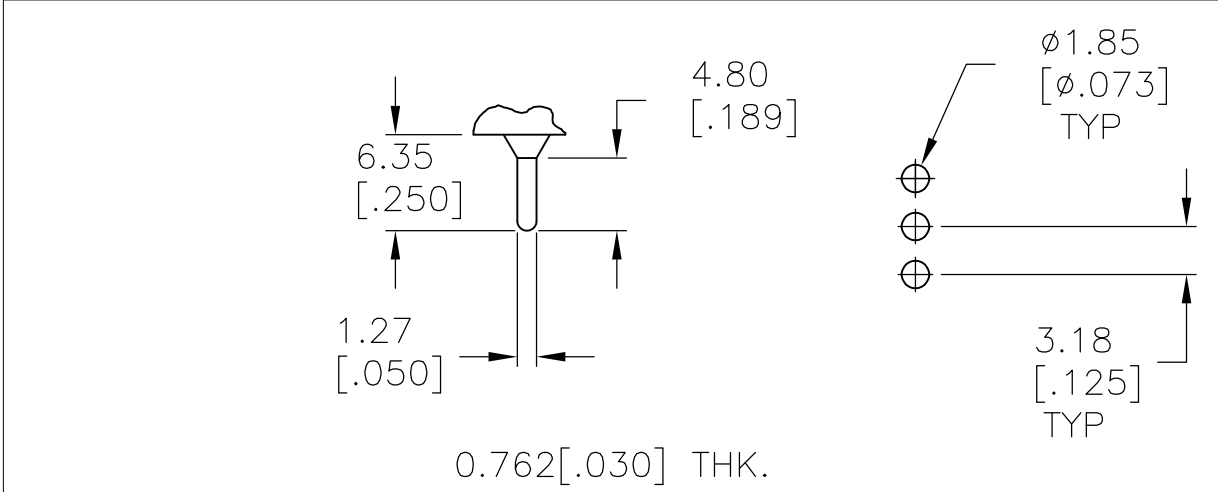
A

D

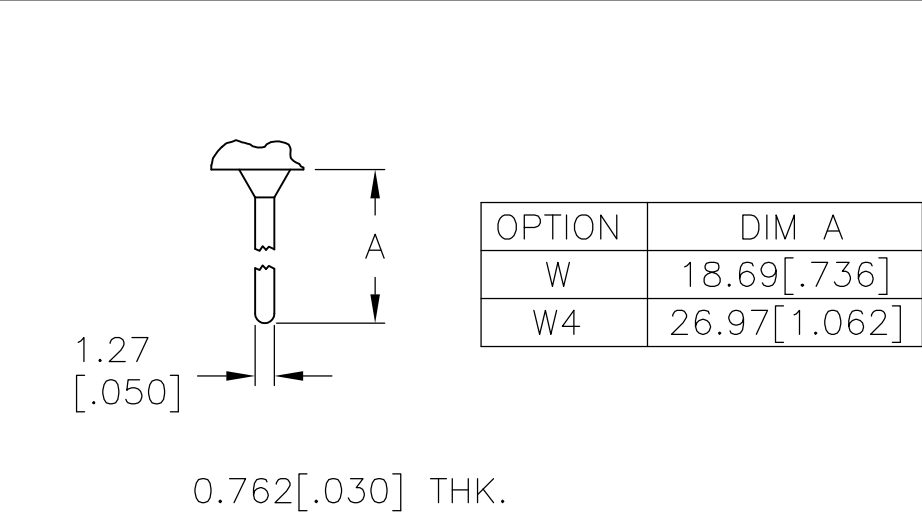
C

B

A

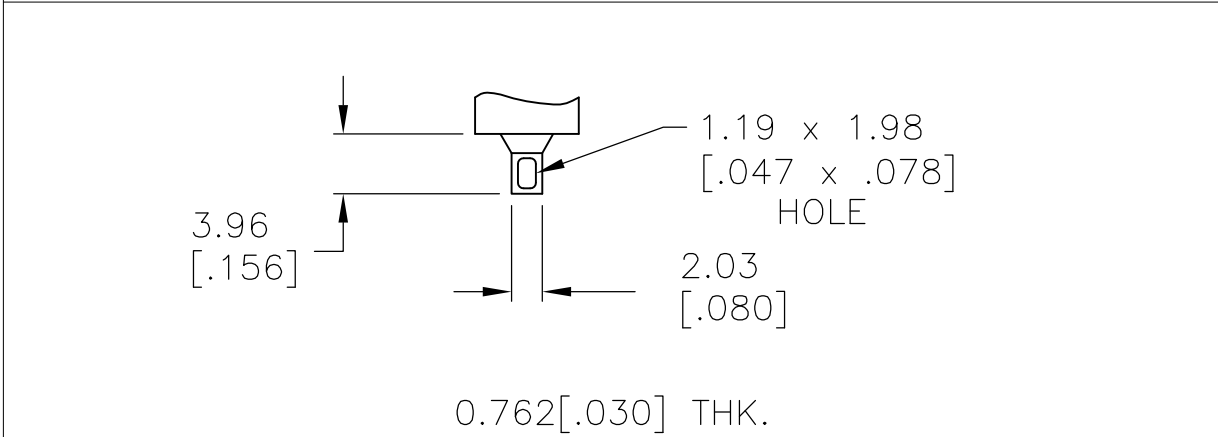


C PRINTED CIRCUIT

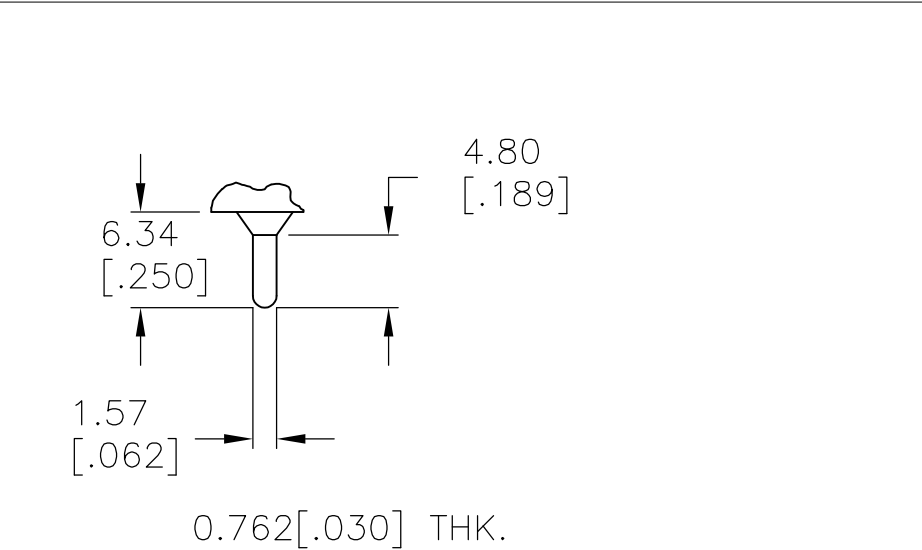


| OPTION | DIM A        |
|--------|--------------|
| W      | 18.69[.736]  |
| W4     | 26.97[1.062] |

W W4 WIRE WRAP



Z WIRE LUG



Z3 QUICK CONNECT

| MATERIALS CHART        |                           |                  |
|------------------------|---------------------------|------------------|
| COMPONENT NAME         | BASE MATERIAL             | FINISH           |
| CASE & BUSHING         | NYLON, RED, UL94 V-0      |                  |
| O-RING                 | PVC, BLACK                |                  |
| B TERMINALS & CONTACTS | COPPER                    | GOLD NICKEL      |
| G TERMINALS & CONTACTS | COPPER                    | GOLD OVER SILVER |
| Q TERMINALS & CONTACTS | COPPER                    | SILVER           |
| ACTUATOR               | PHENOLIC, BLACK, UL94 V-1 |                  |
| ACTUATOR LEVER         | ZINC ALLOY                | NICKEL           |
| SPRING                 | MUSIC WIRE                |                  |
| PIVOT PIN              | STEEL                     | NICKEL           |
| MOUNTING BRACKET       | NYLON, UL94 V-1           |                  |
| ROCKER CAP             | NYLON, UL94 V-1           |                  |
| TERMINAL SEAL          | EPOXY, UL94V-0            |                  |
| MARKING                | INK, BLACK                |                  |
| SUPPORT BRACKET        | BRASS                     | TIN              |
| RETAINER               | STAINLESS STEEL           |                  |

|             |                |             |
|-------------|----------------|-------------|
| PRELIMINARY | AE101J3V31Q004 | 1-1571988-7 |
|             | AE108J60V3B004 | 1-1571988-6 |
|             | AE108J1ZQ004   | 1-1571988-5 |
|             | AE107J1ZQ004   | 1-1571988-4 |
|             | AE107J1AQ004   | 1-1571988-3 |
|             | AE105J60V3B004 | 1-1571988-2 |
|             | AE105J1ZB004   | 1-1571988-1 |
|             | AE105J1V3B004  | 1-1571988-0 |
|             | AE105J1AQ004   | 1571988-9   |
|             | AE103J60V3Q204 | 1571988-8   |
|             | AE103J50V3B004 | 1571988-7   |
|             | AE101J1V3Q004  | 1571988-6   |
|             | AE101J1V3B004  | 1571988-5   |
|             | AE101J1AV2Q004 | 1571988-4   |
|             | AE101J1AQ404   | 1571988-3   |
|             | AE101J1AQ004   | 1571988-2   |
|             | AE101J1AB004   | 1571988-1   |
|             | ALCO P/N       | TE P/N      |

|                                                                                       |              |                                           |                  |                                                                                                                 |                                               |            |               |        |     |    |
|---------------------------------------------------------------------------------------|--------------|-------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------|---------------|--------|-----|----|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |              | DWN<br>M.BINNER                           | 06JAN05          | <div>TE Connectivity</div> |                                               |            |               |        |     |    |
|                                                                                       |              | CHK<br>M.ZITTO                            | 06JAN05          |                                                                                                                 |                                               |            |               |        |     |    |
| DIMENSIONS:<br>mm [INCHES]                                                            |              | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |                  | APVD<br>M.ZITTO                                                                                                 | 06JAN05                                       | NAME       |               |        |     |    |
|  | 0 PLC ± -    |                                           | PRODUCT SPEC     |                                                                                                                 | GEMINI AE SERIES ROCKER SWITCH<br>SINGLE POLE |            |               |        |     |    |
|                                                                                       | 1 PLC ± -    |                                           | —                |                                                                                                                 |                                               |            |               |        |     |    |
|                                                                                       | 2 PLC ± -    |                                           | APPLICATION SPEC |                                                                                                                 |                                               |            |               |        |     |    |
|                                                                                       | 3 PLC ± .010 |                                           | —                |                                                                                                                 |                                               |            |               |        |     |    |
|                                                                                       | 4 PLC ± -    |                                           | —                |                                                                                                                 |                                               |            |               |        |     |    |
| ANGLES ± 4°                                                                           |              | WEIGHT —                                  |                  | SIZE                                                                                                            | CAGE CODE                                     | DRAWING NO | RESTRICTED TO |        |     |    |
| MATERIAL<br>—                                                                         | FINISH<br>—  |                                           | A2               |                                                                                                                 | 00779                                         | C=1571988  | —             |        |     |    |
| CUSTOMER DRAWING                                                                      |              |                                           |                  | SCALE                                                                                                           |                                               | 2:1        | SHEET         | 5 of 5 | REV | A7 |

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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