

|                              |                          |                   |
|------------------------------|--------------------------|-------------------|
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| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | S2  | REVISED PER ECO-15-006450 | 28APR2015 | NK  | RH   |
|           | S3  | REVISED PER ECO-16-018654 | 15MAY2017 | RK  | PO   |
|           | S4  | REVISED PER ECO-17-012597 | 27OCT2017 | RK  | PO   |

SPECIFICATIONS:

MATERIAL  
BASE, PPS, UL94V-0, BLACK  
COVER, PPS, UL94V-0, BLACK  
ACTUATOR, PA6T, UL94V-0, WHITE  
FIXED CONTACT/TERMINAL, CU ALLOY-GOLD FLASH OVER NICKEL  
MOVING CONTACT, CU ALLOY, PLATE-GOLD FLASH/NICKEL

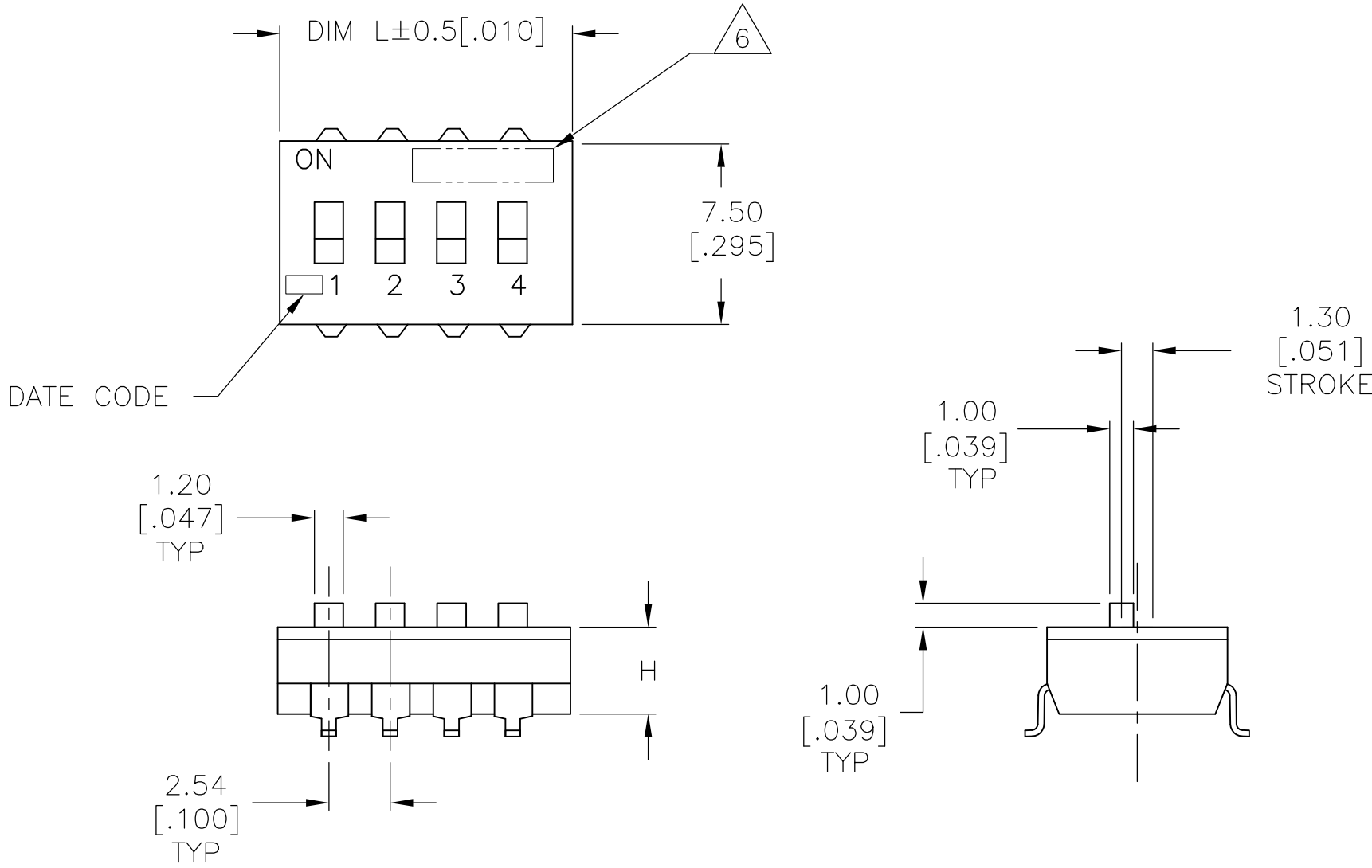
ELECTRICAL  
MAX CONTACT RATING SWITCHING, 100MILLIAMP @ 24 VDC  
MIN CONTACT RATING SWITCHING, .1MICROAMP @ 1 MILLIVOLT  
MAX CONTACT NON-SWITCHING, 1AMP @ 5 VDC  
INITIAL CONTACT RESISTANCE, 50 MILLIOHMS MAX.  
CONTACT RESISTANCE (AFTER ENVIRONMENTAL TEST), 100 MILLIOHMS  
CONTACT RESISTANCE (AFTER GAS TEST), 300 MILLIOHMS  
INSULATION RESISTANCE, 1,000 MEGOHMS MIN. @ 100 VDC  
DIELECTRIC STRENGTH, 500 VAC RMS @ SEA LEVEL  
LIFE EXPECTANCY, 1,000 CYCLES

MECHANICAL  
OPERATING FORCE, LESS THAN 800 GRAMS  
CONTACT PRESSURE, 280,000 PSI

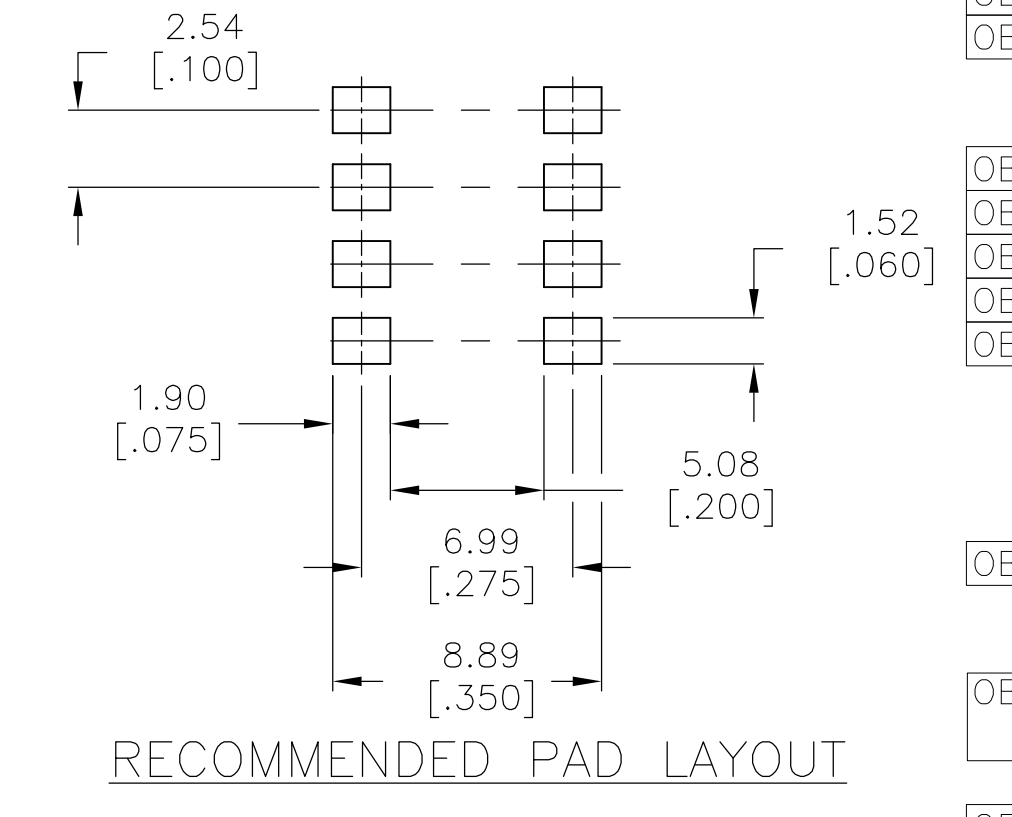
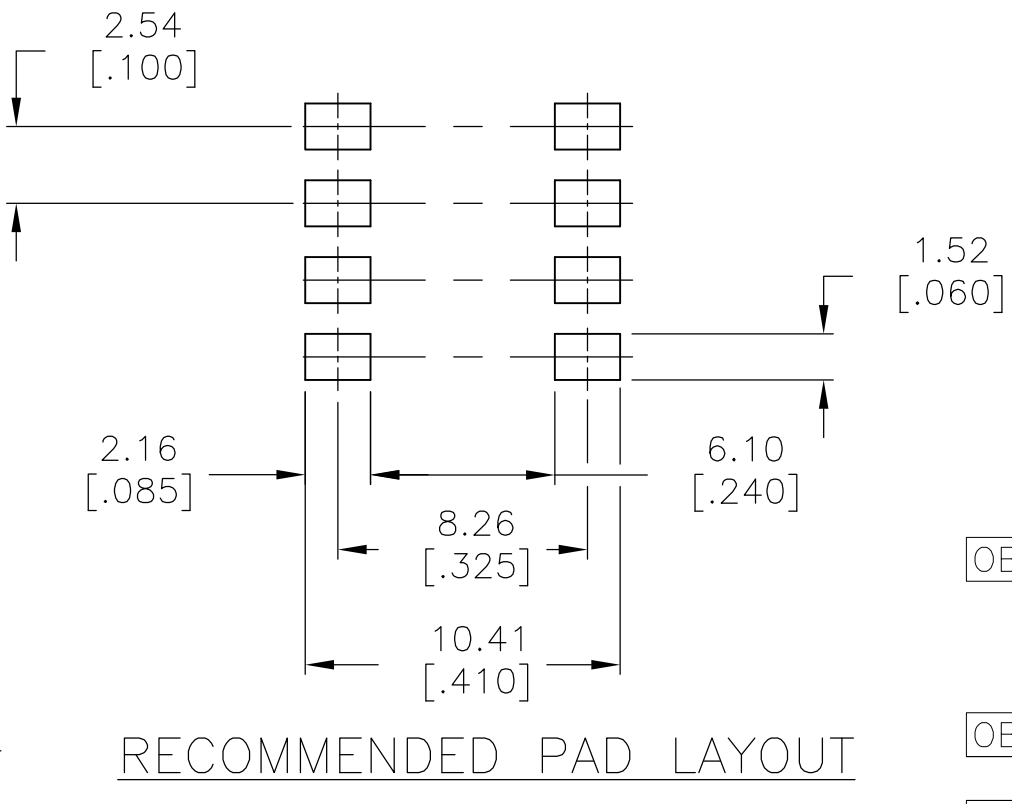
ENVIRONMENTAL  
OPERATING TEMPERATURE, -30 TO +85 DEGREES C  
STORAGE TEMPERATURE, -45 TO +105 DEGREES C  
CLEANING, AQUEOUS OR SOLVENT  
SOLDER HEAT RESISTANCE, PER 109-201,COND B, SWITCH "OFF".  
SOLDERABILITY PER JIS C 0050 & JIS C 0053

- 1 SWITCHES TO BE RECEIVED IN THE "OFF" POSITION AND PACKAGED IN CLEAR TUBES TO ACCOMMODATE AUTO-INSERTION.
- 2 TOP SURFACE TO BE CLEARLY MARKED AS SHOWN.
- 3 SWITCHES TO BE BLACK WITH WHITE ACTUATORS AND MARKINGS.
- 4 TERMINAL OPTION: OLD T&B P/N ADExxS, SA OR SB  
S= OUTSIDE "L" TERMINALS; SA= INSIDE "L" TERMINALS;  
SB= BUTT TERMINALS.
- 5 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- 6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI.
- 7 TAPE AND REEL PACKING PER PAGE 3 SPECIFICATIONS.

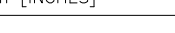
SEE SHEET 2 FOR PART NUMBER TABLE  
AND MOUNTING OPTIONS



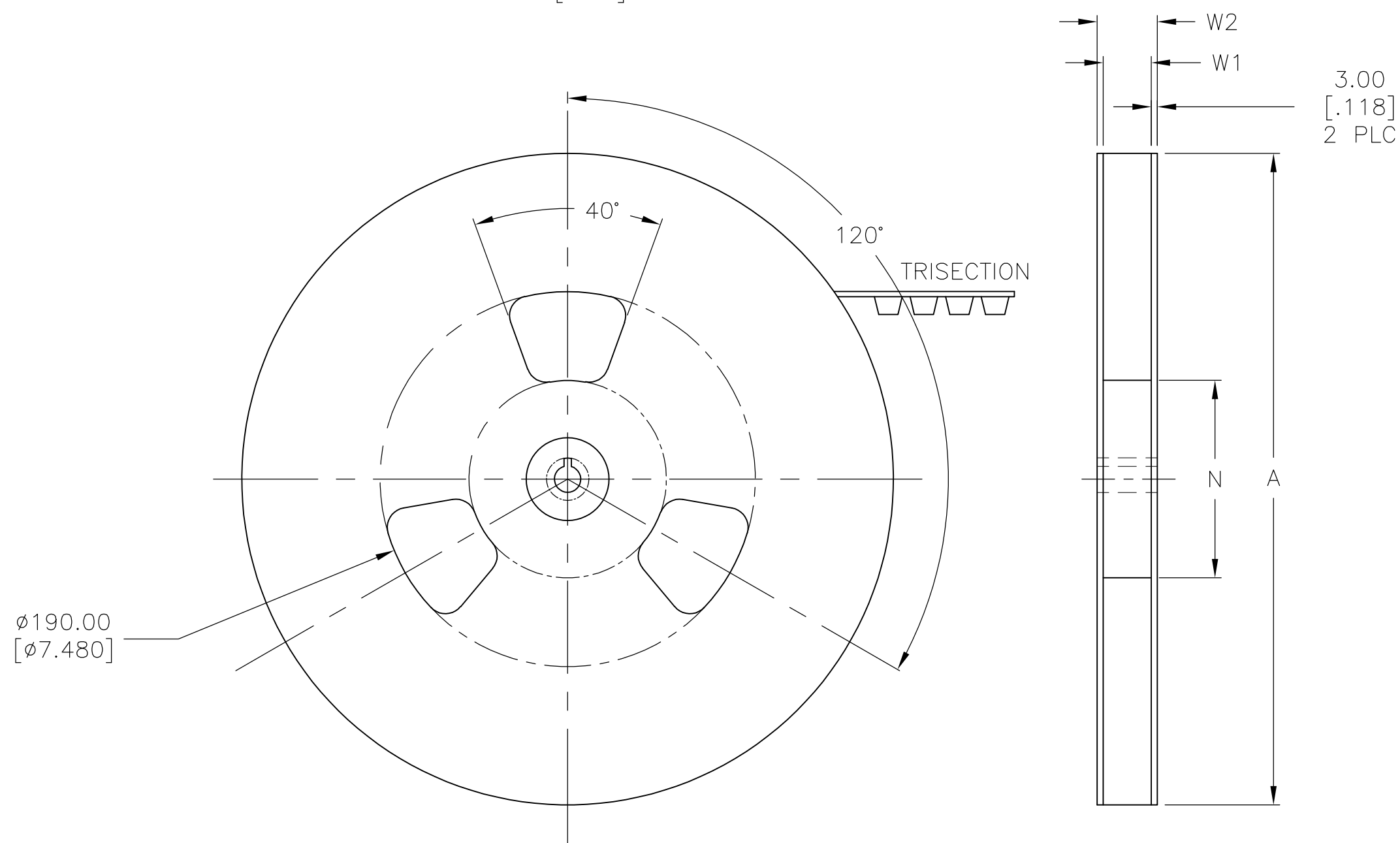
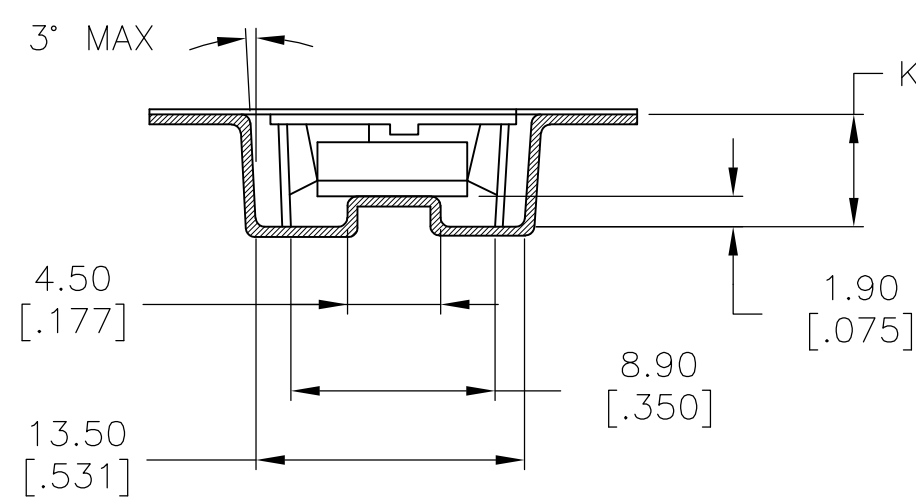
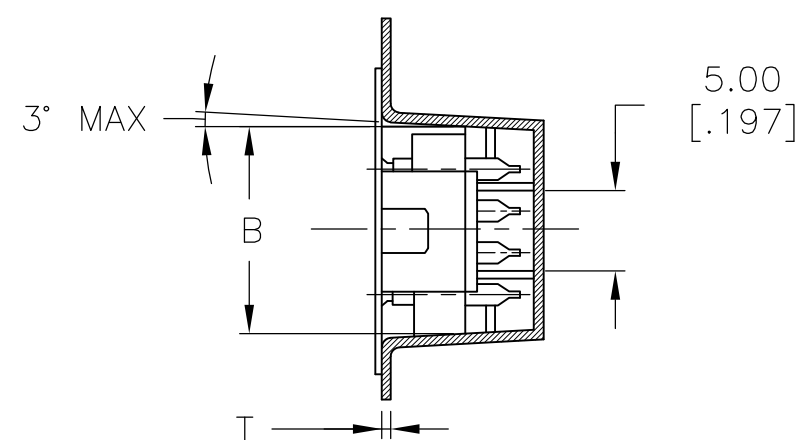
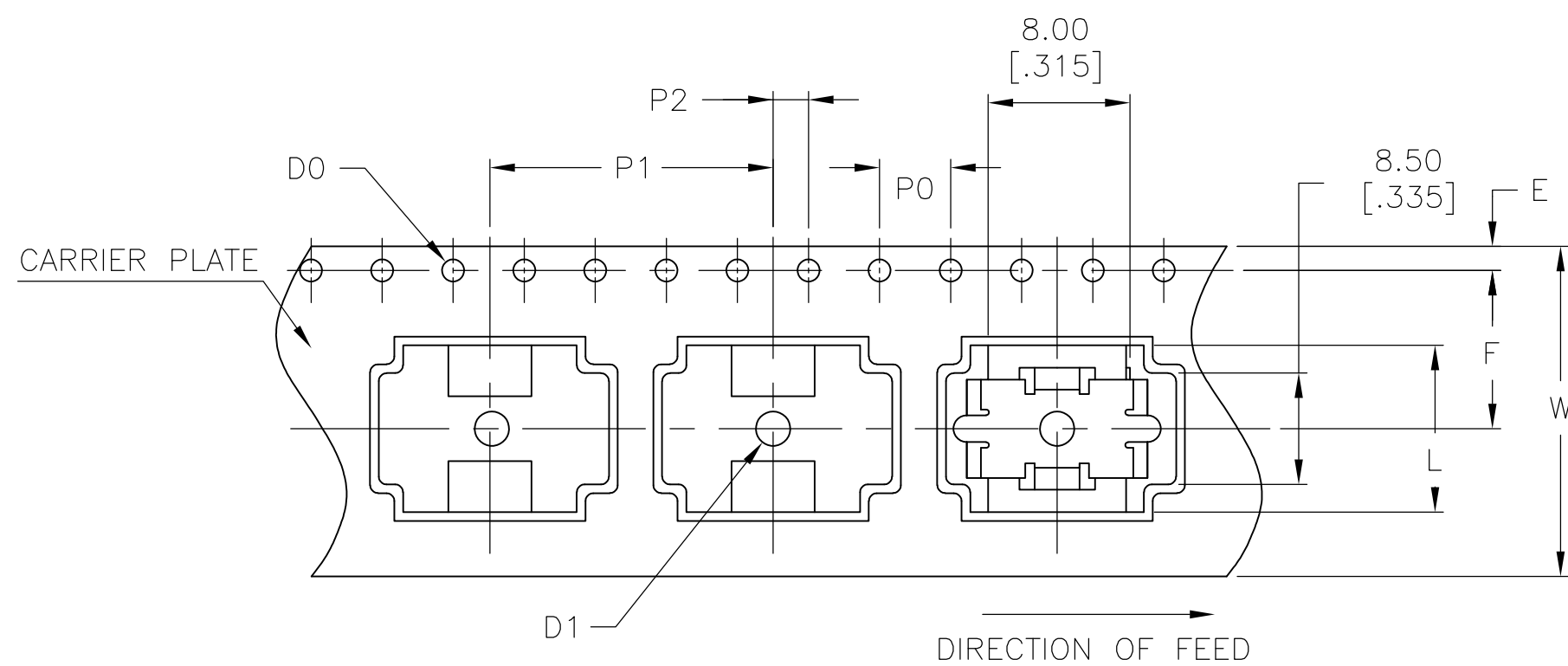
|                                                                                       |  |                       |  |         |  |                                                                                                       |  |   |  |                        |  |                 |  |                    |  |
|---------------------------------------------------------------------------------------|--|-----------------------|--|---------|--|-------------------------------------------------------------------------------------------------------|--|---|--|------------------------|--|-----------------|--|--------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>B.S.VISWESWARA |  | 10FEB05 |  |  TE Connectivity |  |   |  |                        |  |                 |  |                    |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | CHK<br>M.SARVER       |  | —       |  |                                                                                                       |  |   |  |                        |  |                 |  |                    |  |
|  |  | APVD<br>M.SARVER      |  | —       |  | NAME<br><br>DIP SWITCH, ADE-SMT SERIES                                                                |  |   |  |                        |  |                 |  |                    |  |
|                                                                                       |  | PRODUCT SPEC          |  | —       |  |                                                                                                       |  |   |  |                        |  |                 |  |                    |  |
|                                                                                       |  | APPLICATION SPEC      |  | —       |  |                                                                                                       |  |   |  |                        |  |                 |  |                    |  |
|                                                                                       |  | —                     |  | —       |  |                                                                                                       |  |   |  |                        |  |                 |  |                    |  |
| MATERIAL<br>—                                                                         |  | FINISH<br>—           |  | WEIGHT  |  | A2                                                                                                    |  | — |  | CAGE CODE<br>C=1825058 |  | DRAWING NO      |  | RESTRICTED TO<br>— |  |
| CUSTOMER DRAWING                                                                      |  |                       |  |         |  |                                                                                                       |  |   |  | SCALE<br>4:1           |  | SHEET<br>1 of 3 |  | REV<br>S4          |  |



|          |             |           |        |        |         |          |             |             |
|----------|-------------|-----------|--------|--------|---------|----------|-------------|-------------|
| OBSOLETE | ADE12STR04  | 3.61      | [.142] | 32.51  | [1.280] | 12       | 4-1825058-1 |             |
|          | ADE10STR04  | 3.50      | [.138] | 27.30  | [1.075] | 10       | 4-1825058-0 |             |
|          | ADE09STR04  | 3.50      | [.138] | 24.54  | [.978]  | 9        | 3-1825058-9 |             |
|          | ADE08STR04  | 3.50      | [.138] | 22.30  | [.878]  | 8        | 3-1825058-8 |             |
| OBSOLETE | ADE07STR04  | 3.50      | [.138] | 19.76  | [.778]  | 7        | 3-1825058-7 |             |
|          | ADE06STR04  | 3.50      | [.138] | 17.22  | [.678]  | 6        | 3-1825058-6 |             |
| OBSOLETE | ADE05STR04  | 3.50      | [.138] | 14.68  | [.578]  | 5        | 3-1825058-5 |             |
| OBSOLETE | ADE04STR04  | 3.50      | [.138] | 12.14  | [.478]  | 4        | 3-1825058-4 |             |
| OBSOLETE | ADE03STR04  | 3.50      | [.138] | 9.60   | [.378]  | 3        | 3-1825058-3 |             |
| 7        | ADE02STR04  | 3.50      | [.138] | 7.00   | [.276]  | 2        | 3-1825058-2 |             |
|          | ADE04SATR04 | 3.50      | [.138] | 12.14  | [.478]  | 4        | 3-1825058-1 |             |
| OBSOLETE | ADE12SB04   | 3.61      | [.142] | 32.51  | [1.280] | 12       | 3-1825058-0 |             |
| OBSOLETE | ADE12SA04   | 3.61      | [.142] | 32.51  | [1.280] | 12       | 2-1825058-9 |             |
| OBSOLETE | ADE12S04    | 3.61      | [.142] | 32.51  | [1.280] | 12       | 2-1825058-8 |             |
| OBSOLETE | ADE10SB04   | 3.50      | [.138] | 27.30  | [1.075] | 10       | 2-1825058-7 |             |
| OBSOLETE | ADE10SA04   | 3.50      | [.138] | 27.30  | [1.075] | 10       | 2-1825058-6 |             |
|          | ADE10S04    | 3.50      | [.138] | 27.30  | [1.075] | 10       | 2-1825058-5 |             |
|          | ADE09SB04   | 3.50      | [.138] | 24.54  | [.978]  | 9        | 2-1825058-4 |             |
|          | ADE09SA04   | 3.50      | [.138] | 24.54  | [.978]  | 9        | 2-1825058-3 |             |
|          | ADE09S04    | 3.50      | [.138] | 24.54  | [.978]  | 9        | 2-1825058-2 |             |
|          | OBSOLETE    | ADE08SB04 | 3.50   | [.138] | 22.30   | [.878]   | 8           | 2-1825058-1 |
|          | ADE08SA04   | 3.50      | [.138] | 22.30  | [.878]  | 8        | 2-1825058-0 |             |
|          | ADE08S04    | 3.50      | [.138] | 22.30  | [.878]  | 8        | 1-1825058-9 |             |
| OBSOLETE | ADE07SB04   | 3.50      | [.138] | 19.76  | [.778]  | 7        | 1-1825058-8 |             |
|          | ADE07SA04   | 3.50      | [.138] | 19.76  | [.778]  | 7        | 1-1825058-7 |             |
| 6        | ADE07S04    | 3.50      | [.138] | 19.76  | [.778]  | 7        | 1-1825058-6 |             |
|          | OBSOLETE    | ADE06SB04 | 3.50   | [.138] | 17.22   | [.678]   | 6           | 1-1825058-5 |
| OBSOLETE | ADE06SA04   | 3.50      | [.138] | 17.22  | [.678]  | 6        | 1-1825058-4 |             |
|          | ADE06S04    | 3.50      | [.138] | 17.22  | [.678]  | 6        | 1-1825058-3 |             |
|          | OBSOLETE    | ADE05SB04 | 3.50   | [.138] | 14.68   | [.578]   | 5           | 1-1825058-2 |
|          | ADE05SA04   | 3.50      | [.138] | 14.68  | [.578]  | 5        | 1-1825058-1 |             |
|          | ADE05S04    | 3.50      | [.138] | 14.68  | [.578]  | 5        | 1-1825058-0 |             |
| OBSOLETE | ADE04SB04   | 3.50      | [.138] | 12.14  | [.478]  | 4        | 1825058-9   |             |
|          | ADE04SA04   | 3.50      | [.138] | 12.14  | [.478]  | 4        | 1825058-8   |             |
| 6        | ADE04S04    | 3.50      | [.138] | 12.14  | [.478]  | 4        | 1825058-7   |             |
|          | OBSOLETE    | ADE03SB04 | 3.50   | [.138] | 9.60    | [.378]   | 3           | 1825058-6   |
| OBSOLETE | ADE03SA04   | 3.50      | [.138] | 9.60   | [.378]  | 3        | 1825058-5   |             |
|          | ADE03S04    | 3.50      | [.138] | 9.60   | [.378]  | 3        | 1825058-4   |             |
|          | OBSOLETE    | ADE02SB04 | 3.50   | [.138] | 7.00    | [.276]   | 2           | 1825058-3   |
| OBSOLETE | ADE02SA04   | 3.50      | [.138] | 7.00   | [.276]  | 2        | 1825058-2   |             |
|          | ADE02S04    | 3.50      | [.138] | 7.00   | [.276]  | 2        | 1825058-1   |             |
|          | T&B P/N     | DIM H     |        | DIM L  |         | POSITION | PART NO.    |             |

|                                                                                       |  |                                  |  |                                                                                                       |                 |                         |                    |
|---------------------------------------------------------------------------------------|--|----------------------------------|--|-------------------------------------------------------------------------------------------------------|-----------------|-------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>B.S.VISWESWARA<br>10FEB05 |  |  TE Connectivity |                 |                         |                    |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | CHK<br>M.SARVER                  |  |                                                                                                       |                 | NAME                    |                    |
|  |  | APVD<br>M.SARVER                 |  |                                                                                                       |                 |                         |                    |
|                                                                                       |  | PRODUCT SPEC<br>—                |  |                                                                                                       |                 |                         |                    |
|                                                                                       |  | APPLICATION SPEC<br>—            |  |                                                                                                       |                 |                         |                    |
| MATERIAL<br>—                                                                         |  | FINISH<br>—                      |  | SIZE<br>A2                                                                                            | CAGE CODE<br>—  | DRAWING NO<br>C-1825058 | RESTRICTED TO<br>— |
| CUSTOMER DRAWING                                                                      |  |                                  |  | SCALE<br>4:1                                                                                          | SHEET<br>2 of 3 | REV<br>S4               |                    |

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



|   | DESCRIPTION       | MATERIAL                           | DIMENSION          | FINISH     | REMARKS     |
|---|-------------------|------------------------------------|--------------------|------------|-------------|
| 1 | REEL              | SIDE: CARDBOARD<br>CORE: STYLOFOAM | MENTIONED<br>BELOW |            |             |
| 2 | EMBOSSSED<br>TAPE | —                                  | MENTIONED<br>BELOW | ANTISTATIC | BLACK       |
| 3 | TOP COVER<br>TAPE | —                                  | MENTIONED<br>BELOW | ANTISTATIC | TRANSPARENT |

|                |                                |                 |                                                         |                  |
|----------------|--------------------------------|-----------------|---------------------------------------------------------|------------------|
| 4P             | ø330.00±2.10<br>[12.992±0.082] | ø100<br>[3.940] | 24.40 $^{+2.00}_{-0.000}$<br>[.960 $^{+790}_{-0.000}$ ] | 30.40<br>[1.997] |
| NO OF POSITION | A                              | N (MIN)         | W1                                                      | W2 (MAX)         |

|                |                                                                                                                                                   |                                      |                                       |                                      |                                       |                                      |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|
| 4P             | $\varnothing 1.50 \begin{smallmatrix} +0.10 \\ 0 \end{smallmatrix}$<br>[ $\varnothing .059 \begin{smallmatrix} +.003 \\ .000 \end{smallmatrix}$ ] | $4.00 \pm 0.10$<br>[.157 $\pm$ .003] | $16.00 \pm 0.10$<br>[.629 $\pm$ .003] | $2.00 \pm 0.15$<br>[.078 $\pm$ .005] | $11.50 \pm 0.10$<br>[.453 $\pm$ .003] | $7.40 \pm 0.10$<br>[.291 $\pm$ .003] |
| NO OF POSITION | D1                                                                                                                                                | P0                                   | P1                                    | P2                                   | F                                     | K                                    |

|                   |                           |                           |                          |                          |                           |                                                                                   |
|-------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|-----------------------------------------------------------------------------------|
| 4P                | 24.00±0.30<br>[.944±.011] | 12.90±0.10<br>[.507±.003] | 1.75±0.10<br>[.068±.003] | 0.50±0.05<br>[.020±.001] | 12.14±0.50<br>[.477±.020] | Ø1.50 <sup>+0.10</sup> <sub>0</sub><br>[Ø.059 <sup>+0.003</sup> <sub>.000</sub> ] |
| NO OF<br>POSITION | W                         | B                         | E                        | T                        | L                         | DO                                                                                |

|                                                                                       |  |                                           |                                  |                  |                                                                                                       |                            |  |            |  |               |  |              |  |        |  |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|----------------------------------|------------------|-------------------------------------------------------------------------------------------------------|----------------------------|--|------------|--|---------------|--|--------------|--|--------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                           | DWN<br>B.S.VISWESWARA<br>10FEB05 |                  |  TE Connectivity |                            |  |            |  |               |  |              |  |        |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |                                  | NAME             |                                                                                                       |                            |  |            |  |               |  |              |  |        |  |
|  |  | 0 PLC ± -                                 |                                  | APD<br>M.SARVER  |                                                                                                       | DIP SWITCH, ADE-SMT SERIES |  |            |  |               |  |              |  |        |  |
|                                                                                       |  | 1 PLC ± -                                 |                                  | PRODUCT SPEC     |                                                                                                       |                            |  |            |  |               |  |              |  |        |  |
|                                                                                       |  | 2 PLC ± 0.30[.012]                        |                                  | —                |                                                                                                       |                            |  |            |  |               |  |              |  |        |  |
|                                                                                       |  | 3 PLC ± -                                 |                                  | APPLICATION SPEC |                                                                                                       |                            |  |            |  |               |  |              |  |        |  |
| 4 PLC ± -                                                                             |  | —                                         |                                  | SIZE             |                                                                                                       | CAGE CODE                  |  | DRAWING NO |  | RESTRICTED TO |  |              |  |        |  |
| MATERIAL                                                                              |  | FINISH                                    |                                  | WEIGHT           |                                                                                                       | A2                         |  | —          |  | C=1825058     |  | —            |  |        |  |
| —                                                                                     |  | —                                         |                                  | CUSTOMER DRAWING |                                                                                                       |                            |  |            |  | SCALE 4:1     |  | SHEET 3 of 3 |  | REV S4 |  |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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