

| LOC | DIST | REVISIONS |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
| AD  | 00   | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|     |      |           | P   | REVISED PER ECO-11-004820 | 11MAR11 | RK  | HMR  |

SPECIFICATIONS:

MATERIALS:

CASE-PPS, UL94V0-BLACK  
COVER-PPS, UL94V0-BLACK  
ACTUATOR-LCP, UL94V0-WHITE  
CONTACTS AND TERMINALS-COPPER ALLOY, GOLD OVER NICKEL  
TAPE SEAL-POLYIMIDE FILM

ELECTRICAL:

CONTACT RATING: NON-SWITCHING: 100mA @ 50VDC  
SWITCHING: 25mA 24VDC  
INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX. @ 2VDC, 10mA  
INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 100VDC  
DIELECTRIC STRENGTH: 300VAC FOR 1 MINUTE  
LIFE EXPECTANCY: 1000 CYCLES

MECHANICAL:

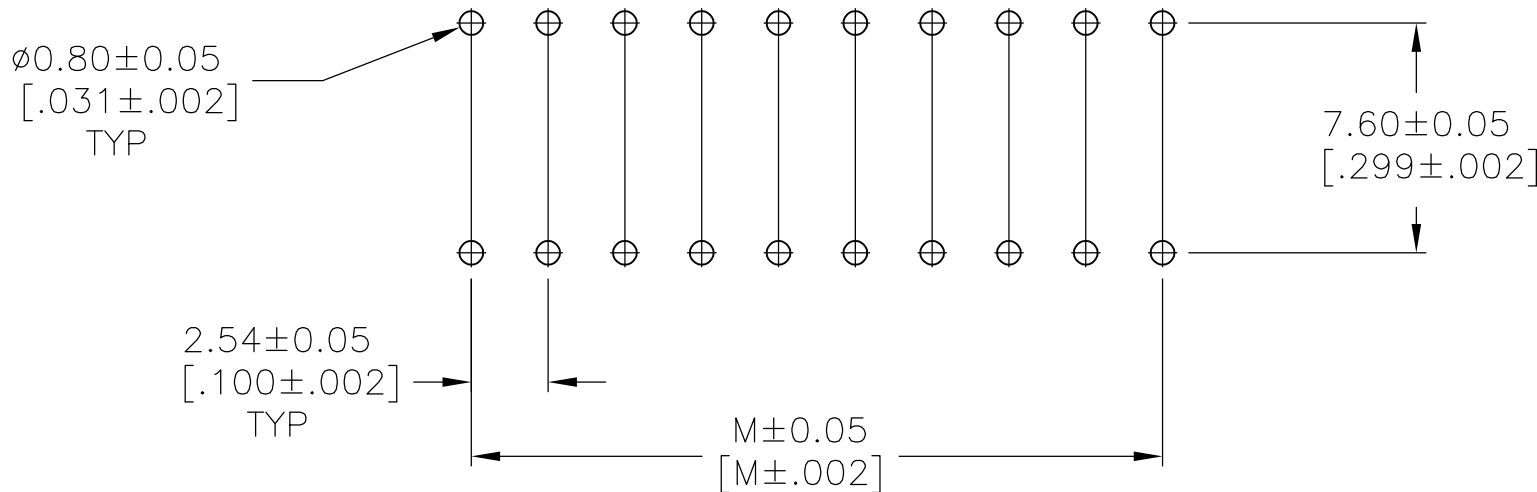
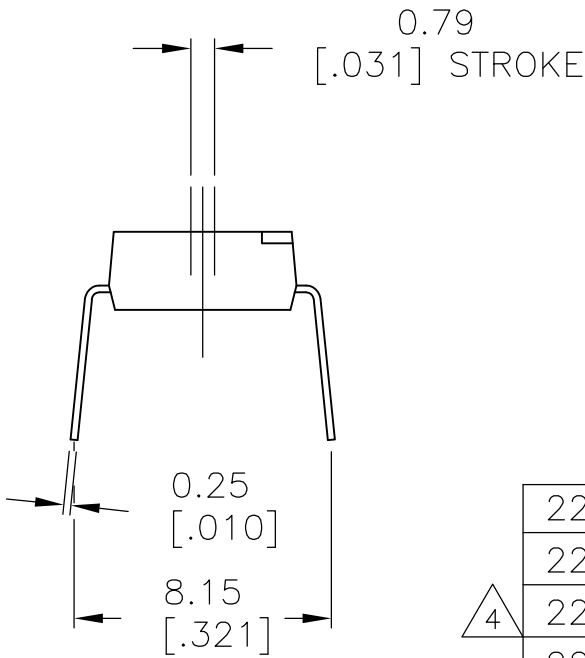
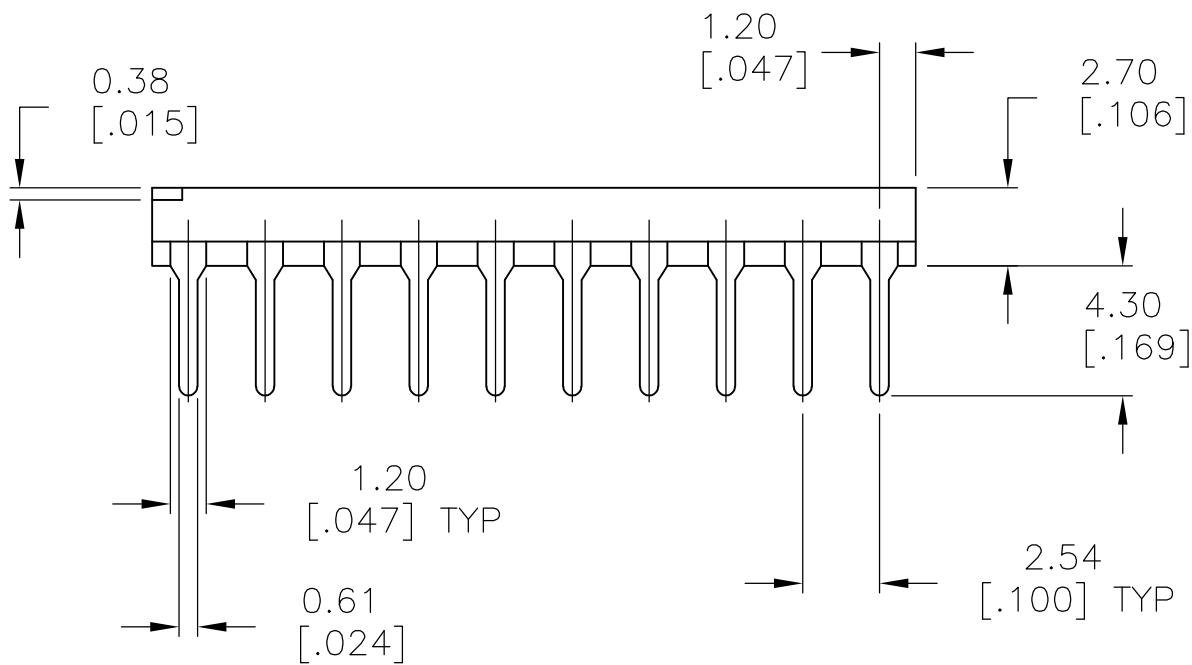
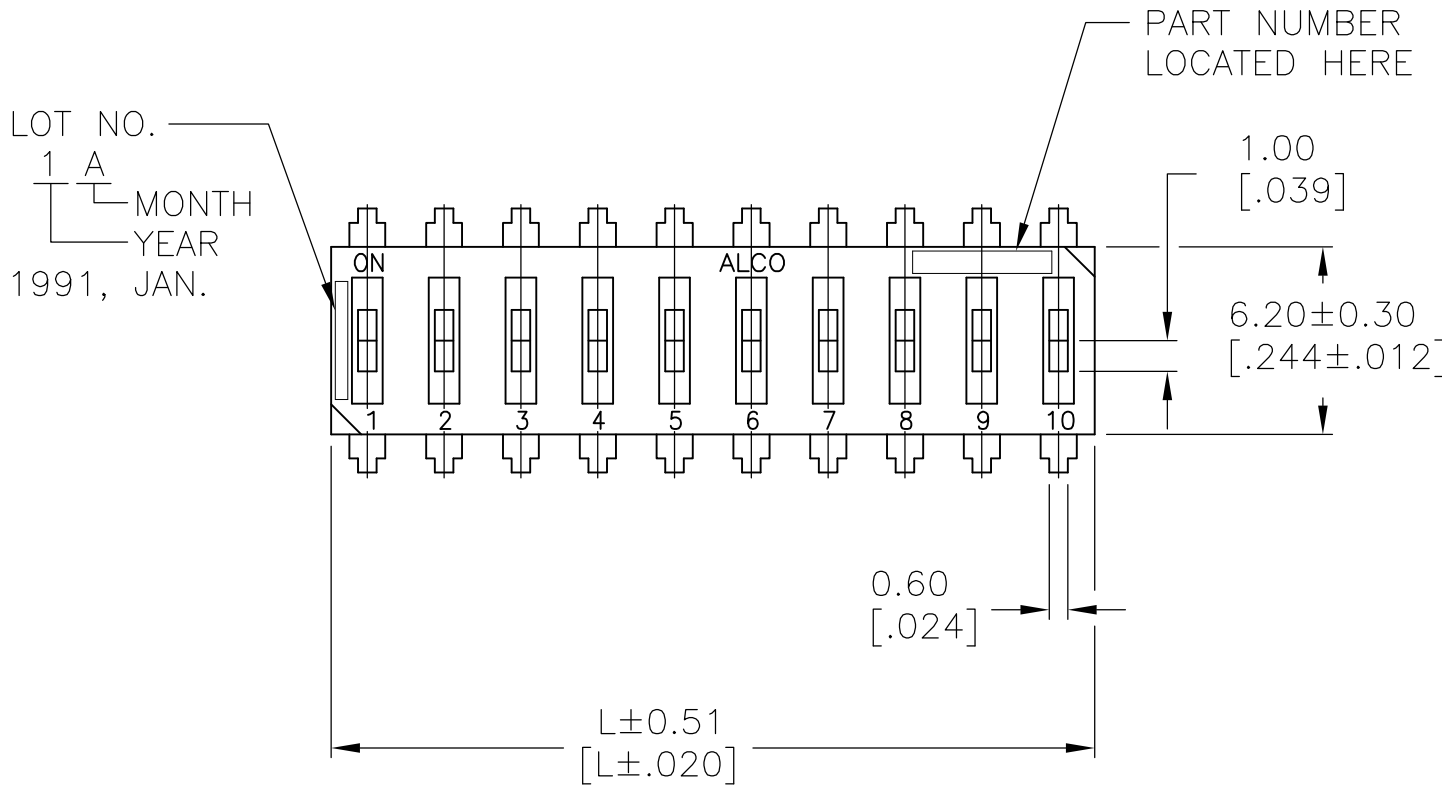
ACTUATION FORCE: 60-600 GRAMS

ENVIRONMENTAL:

OPERATING TEMPERATURE: -45°C TO +100°C  
STORAGE TEMPERATURE: -45°C TO +100 °C  
SOLDER HEAT RESISTANCE PER 109-202, CONDITION B  
(THRU-HOLE) OR 109-201, CONDITION B (SMT)  
SOLDERABILITY PER JIS C 0500 & JIS C 0053

NOTES:

- TAPE AND REEL PACKAGING PER EIA 481 - PART NO.S GDSXXSTR.
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- SEE SHEET 2 FOR SURFACE MOUNTING DETAILS.
4. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



P.C.B. HOLE LAYOUT

|             |             |      |     |      |             |             |
|-------------|-------------|------|-----|------|-------------|-------------|
| 22.86[.900] | 25.25[.994] | TAPE | SMT | 10   | GDS10STR04  | 2-1825006-0 |
| 22.86[.900] | 25.25[.994] | TAPE | SMT | 10   | GDS10S04    | 1-1825006-9 |
| 22.86[.900] | 25.25[.994] | NONE | T/H | 10   | GDS10NTS04  | 1-1825006-8 |
| 22.86[.900] | 25.25[.994] | TAPE | T/H | 10   | GDS1004     | 1-1825006-7 |
| 17.78[.700] | 20.17[.794] | TAPE | SMT | 8    | GDS08STR04  | 1-1825006-6 |
| 17.78[.700] | 20.17[.794] | TAPE | SMT | 8    | GDS08S04    | 1-1825006-5 |
| 17.78[.700] | 20.17[.794] | NONE | T/H | 8    | GDS08NTS04  | 1-1825006-4 |
| 17.78[.700] | 20.17[.794] | TAPE | T/H | 8    | GDS0804     | 1-1825006-3 |
| 12.7[.500]  | 15.09[.594] | TAPE | SMT | 6    | GDS06STR04  | 1-1825006-2 |
| 12.7[.500]  | 15.09[.594] | TAPE | SMT | 6    | GDS06S04    | 1-1825006-1 |
| 12.7[.500]  | 15.09[.594] | NONE | T/H | 6    | GDS06NTS04  | 1-1825006-0 |
| 12.7[.500]  | 15.09[.594] | TAPE | T/H | 6    | GDS0604     | 1825006-9   |
| 7.62[.300]  | 10.01[.394] | TAPE | SMT | 4    | GDS04STR04  | 1825006-8   |
| 7.62[.300]  | 10.01[.394] | TAPE | SMT | 4    | GDS04S04    | 1825006-7   |
| 7.62[.300]  | 10.01[.394] | NONE | T/H | 4    | GDS04NTS04  | 1825006-6   |
| 7.62[.300]  | 10.01[.394] | TAPE | T/H | 4    | GDS0404     | 1825006-5   |
| 2.54[.100]  | 4.93[.194]  | TAPE | SMT | 2    | GDS02STR04  | 1825006-4   |
| 2.54[.100]  | 4.93[.194]  | TAPE | SMT | 2    | GDS02S04    | 1825006-3   |
| 2.54[.100]  | 4.93[.194]  | NONE | T/H | 2    | GDS02NTS04  | 1825006-2   |
| 2.54[.100]  | 4.93[.194]  | TAPE | T/H | 2    | GDS0204     | 1825006-1   |
| DIM M       | DIM L       | SEAL | MTG | POLE | OLD T&B P/N | PART NO     |

|                                        |  |  |                  |                |         |                                           |               |
|----------------------------------------|--|--|------------------|----------------|---------|-------------------------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  |  | DWN              | B.S.VISWESWARA | 03MAR05 | TE Connectivity                           |               |
| DIMENSIONS: mm [INCHES]                |  |  | CHK              | M.S.SARVER     | -       |                                           |               |
|                                        |  |  | APVD             | M.S.SARVER     | -       | NAME<br>DIP SWITCH ASSEMBLY<br>GDS SERIES |               |
|                                        |  |  | PRODUCT SPEC     | -              | -       |                                           |               |
| MATERIAL                               |  |  | APPLICATION SPEC |                |         | SIZE                                      | RESTRICTED TO |
|                                        |  |  | FINISH           |                |         | CAGE CODE                                 | REV           |
| -                                      |  |  | -                |                |         | DRAWING NO                                | P             |
|                                        |  |  | WEIGHT           |                |         | 00779                                     |               |
|                                        |  |  | CUSTOMER DRAWING |                |         | SCALE                                     |               |
|                                        |  |  |                  |                |         | 4:1                                       |               |
|                                        |  |  |                  |                |         | SHEET                                     |               |
|                                        |  |  |                  |                |         | 1 of 2                                    |               |
|                                        |  |  |                  |                |         | REV                                       |               |
|                                        |  |  |                  |                |         | P                                         |               |

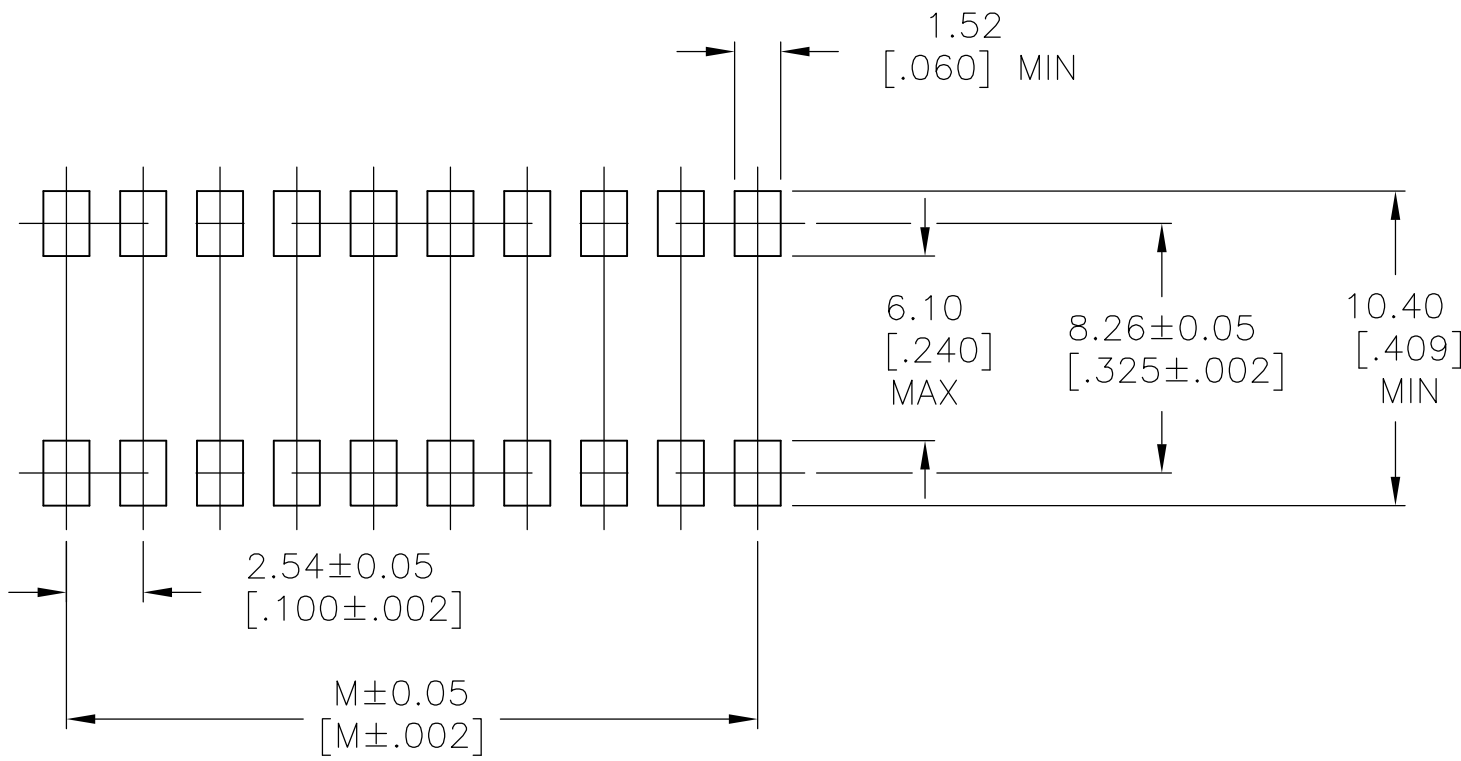
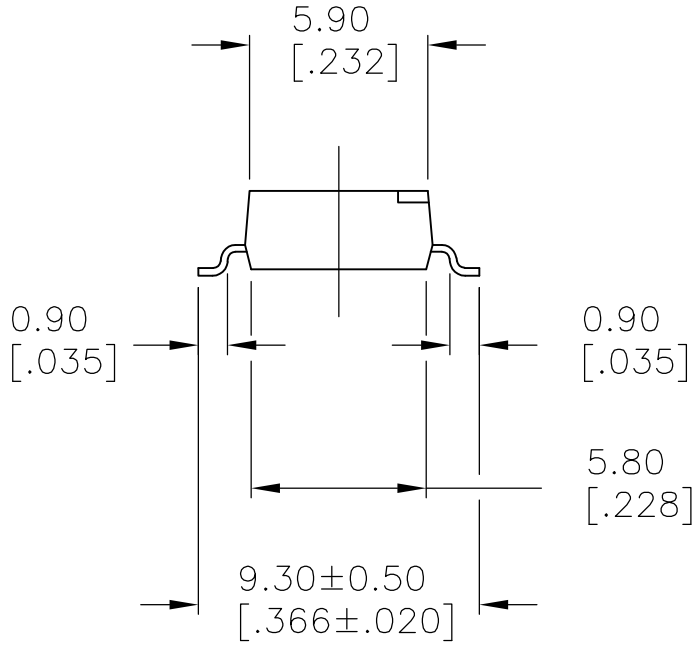
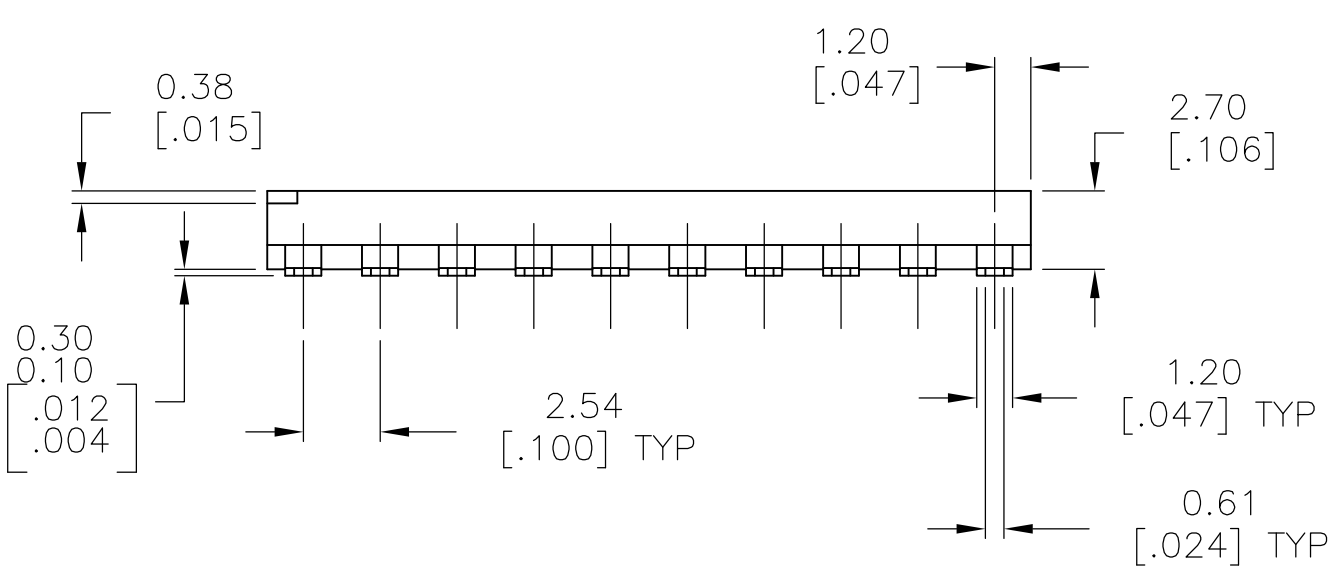
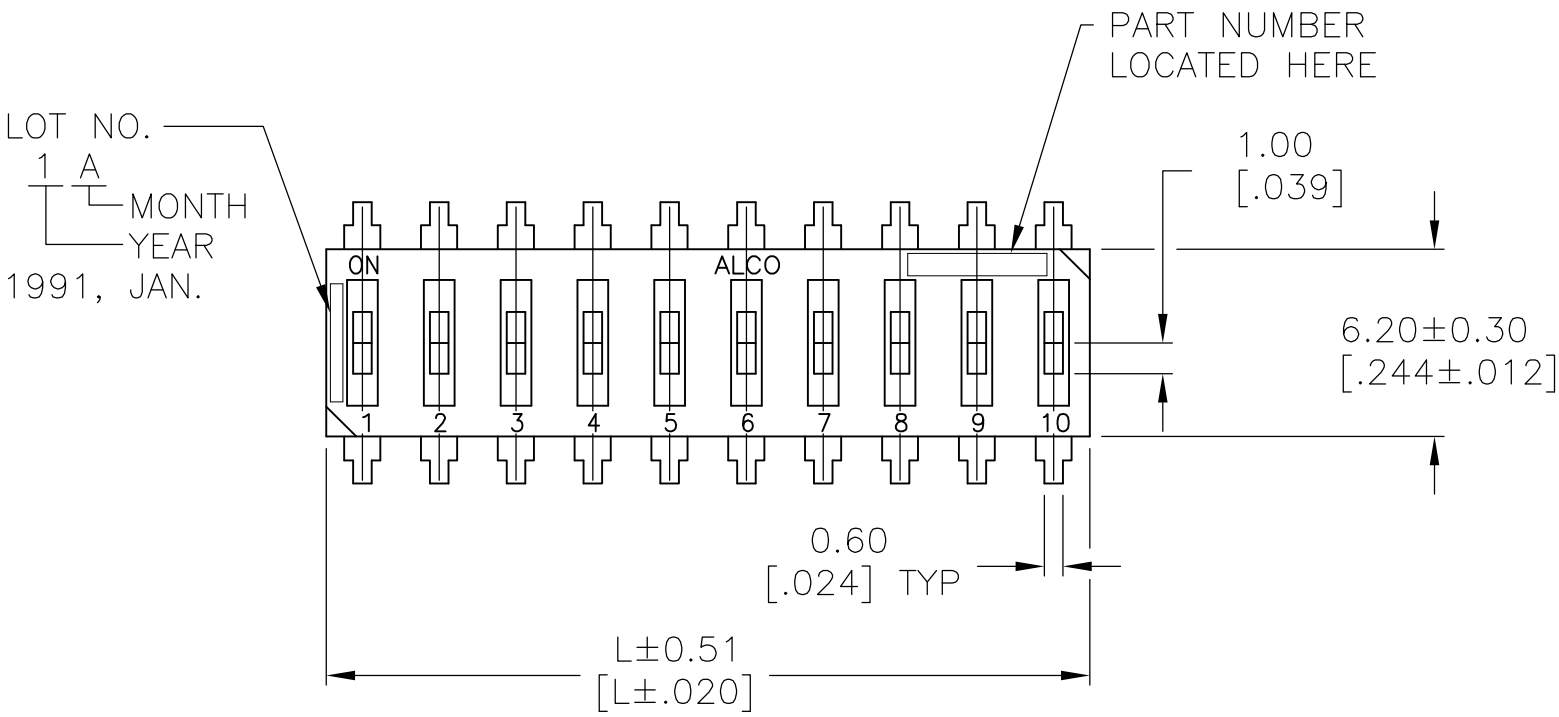
4

3

2

1

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



SURFACE MOUNT PAD LAYOUT

|                                        |  |                                                                                                                                 |                                           |                 |                    |                         |
|----------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------|--------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>B.S.VISWESWARA<br>03MAR05                                                                                                | TE Connectivity                           |                 |                    |                         |
| DIMENSIONS:<br>mm [INCHES]             |  | CHK<br>M.S.SARVER                                                                                                               |                                           |                 |                    |                         |
|                                        |  | APVD<br>-                                                                                                                       | NAME<br>DIP SWITCH ASSEMBLY<br>GDS SERIES |                 |                    |                         |
|                                        |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± 0.25[.010]<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± 1° | PRODUCT SPEC<br>-                         | SIZE<br>A2      | CAGE CODE<br>00779 | DRAWING NO<br>C=1825006 |
| MATERIAL<br>-                          |  | FINISH<br>-                                                                                                                     | APPLICATION SPEC<br>-                     | WEIGHT<br>-     | SCALE<br>4:1       | RESTRICTED TO<br>-      |
| CUSTOMER DRAWING                       |  |                                                                                                                                 |                                           | SHEET<br>2 OF 2 | REV<br>P           |                         |