

| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | R   | REVISED PER ECO-16-018654 | 15MAY2017 | RK  | PO   |

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:

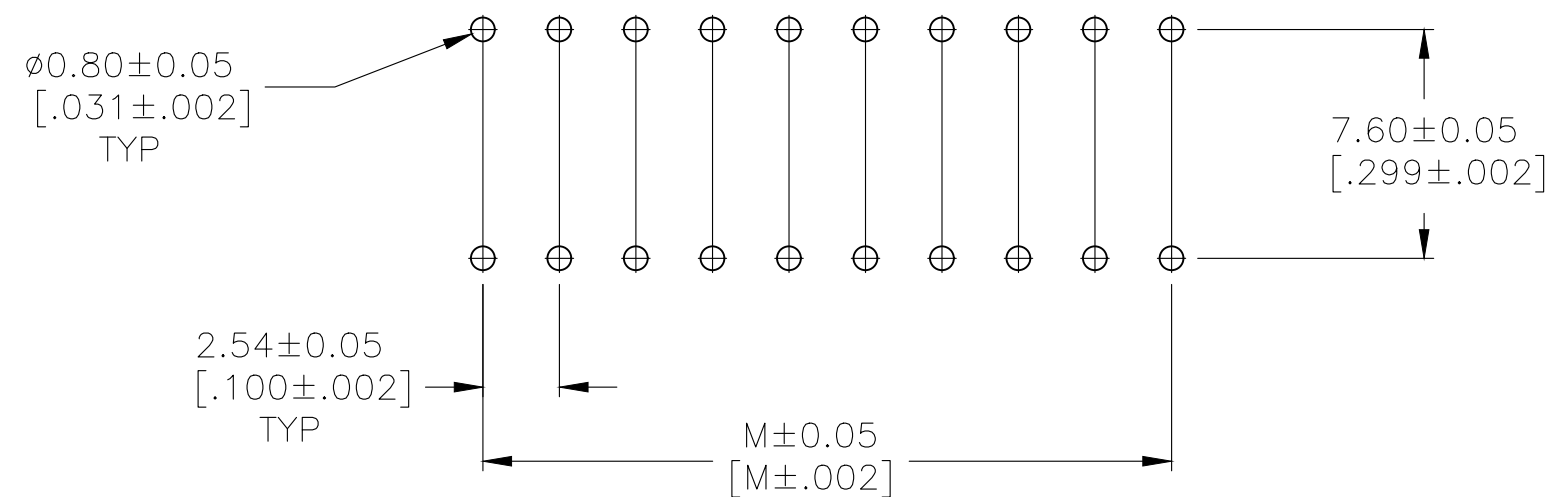
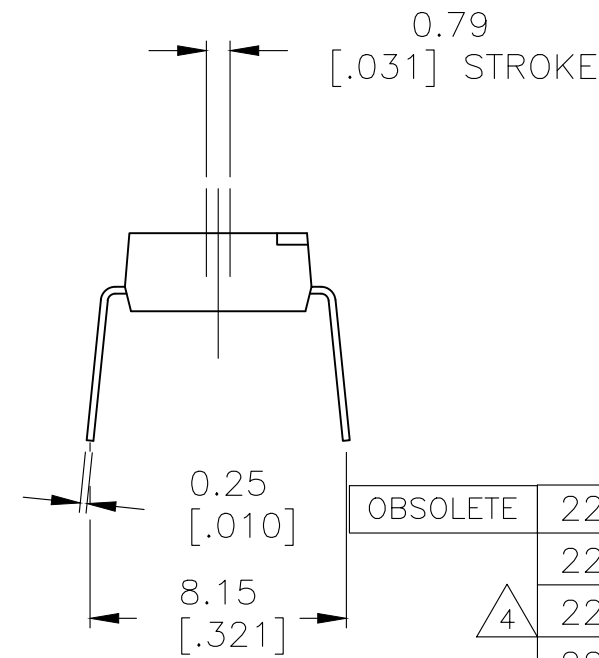
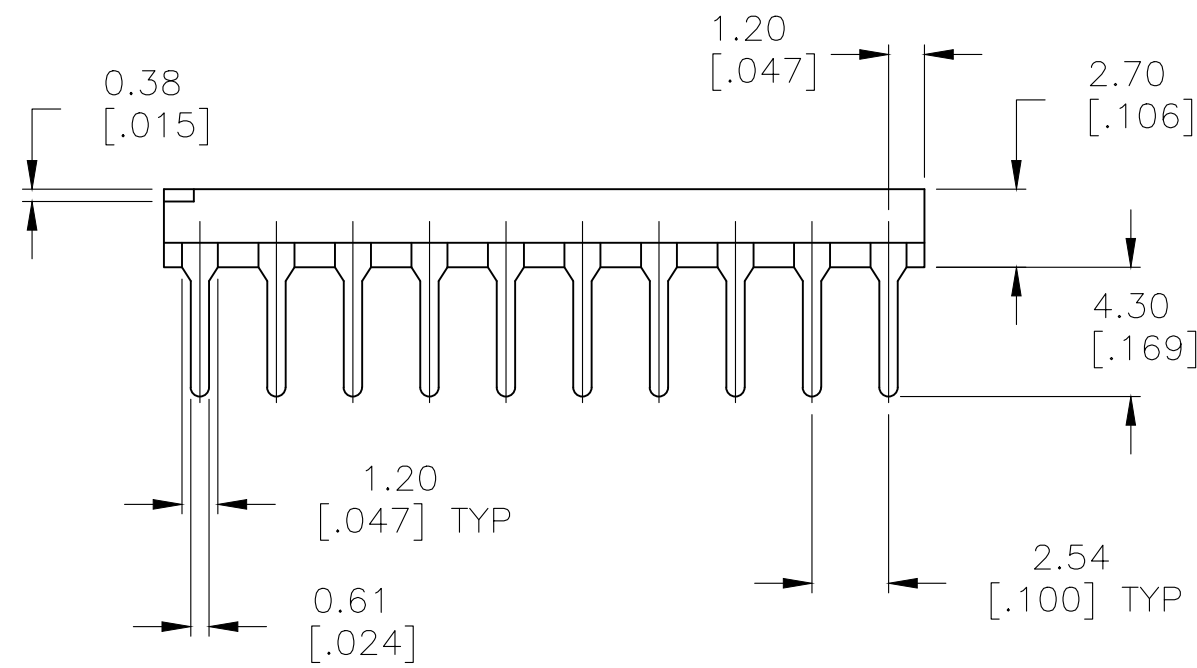
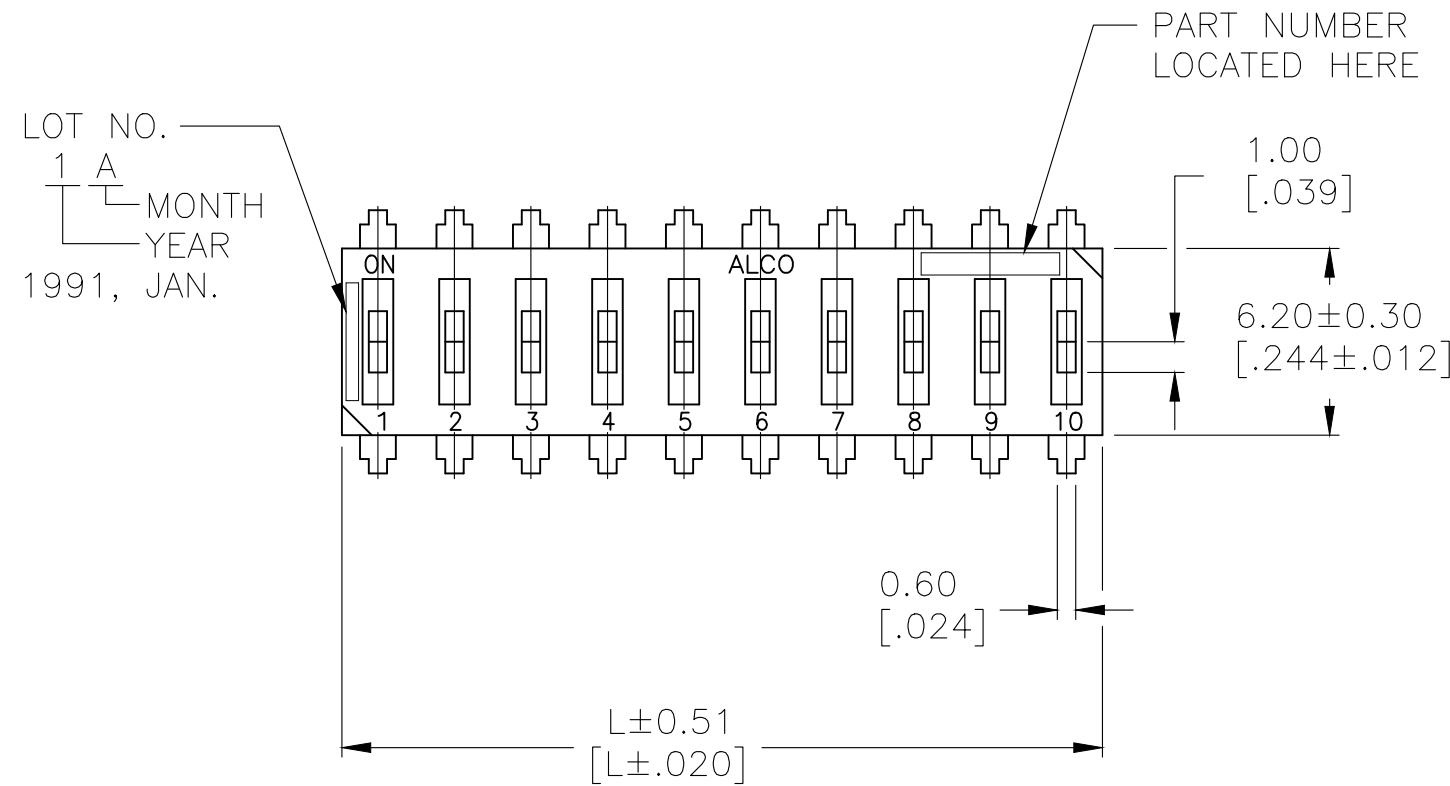
OPERATING TEMPERATURE: -45°C TO +100°C  
STORAGE TEMPERATURE: -45°C TO +100 °C  
SOLDER HEAT RESISTANCE PER 109-202, CONDITION B  
(THRU-HOLE) OR 109-201, CONDITION B (SMT)  
SOLDERABILITY PER JIS C 0500 & JIS C 0053

NOTES:

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

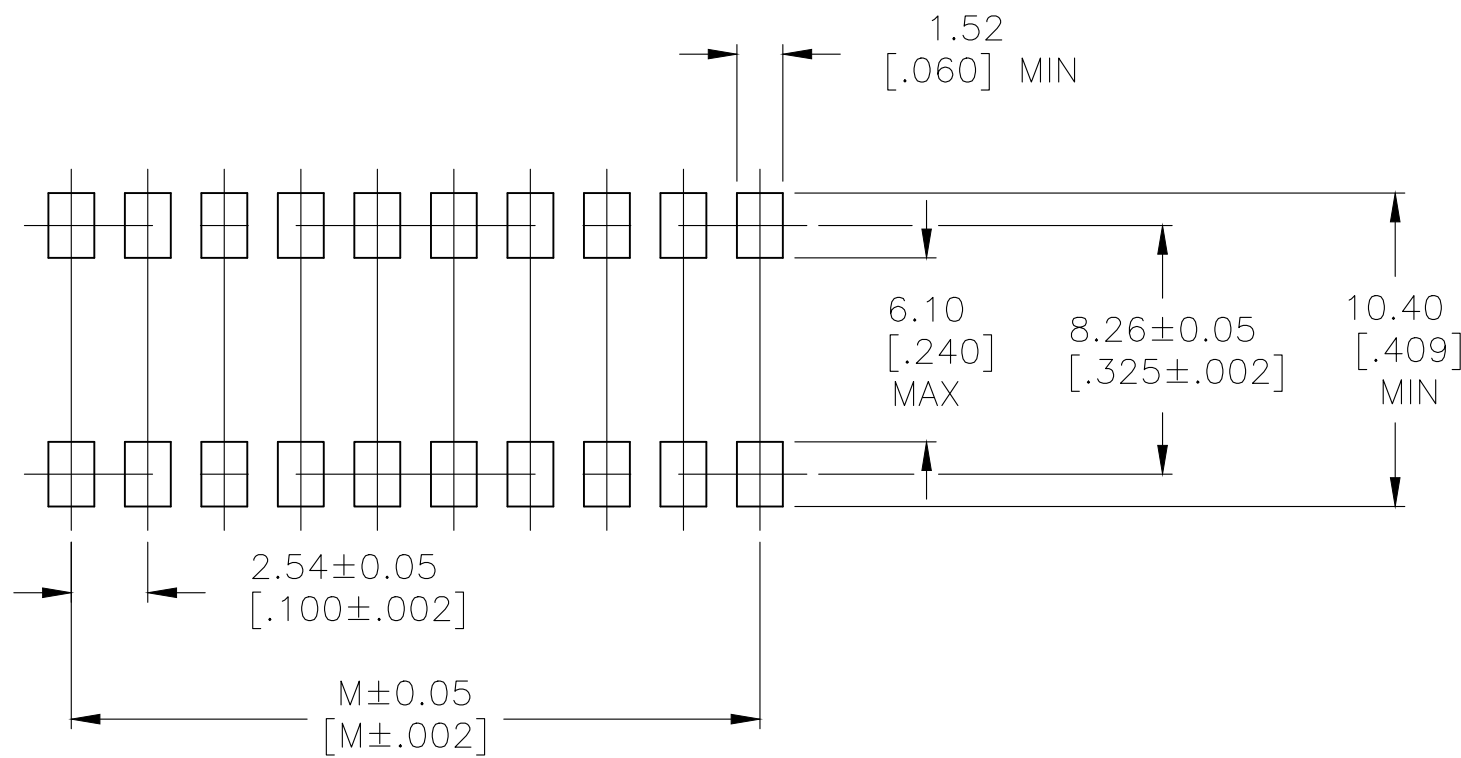
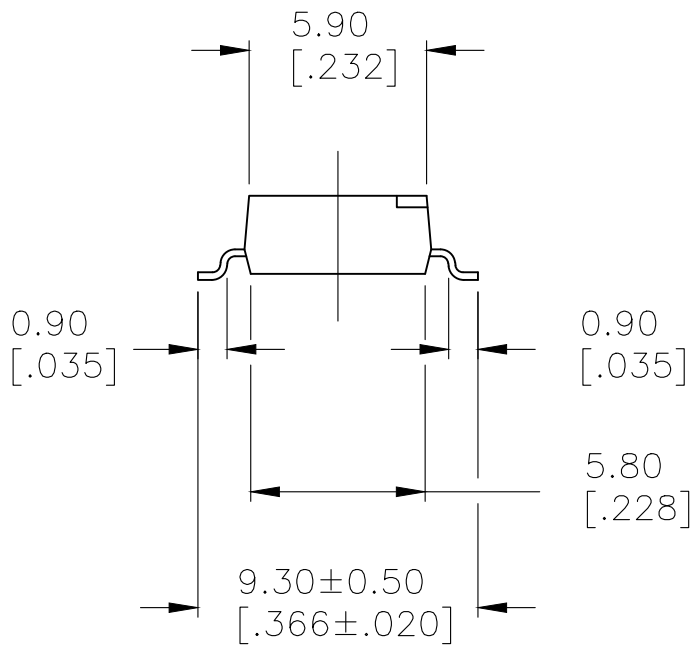
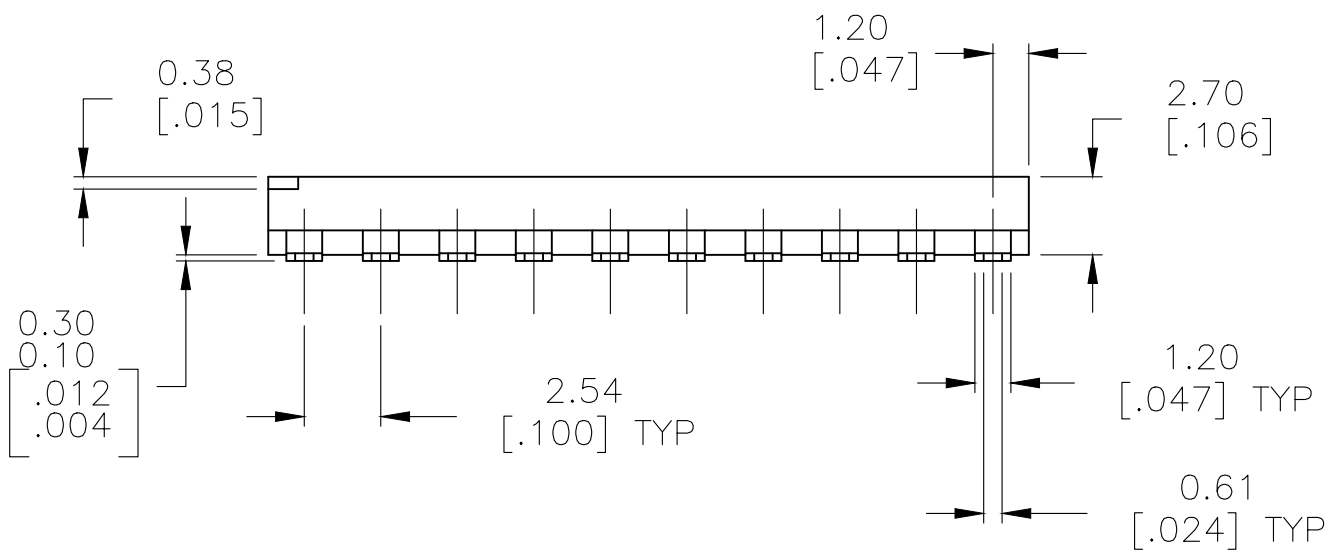
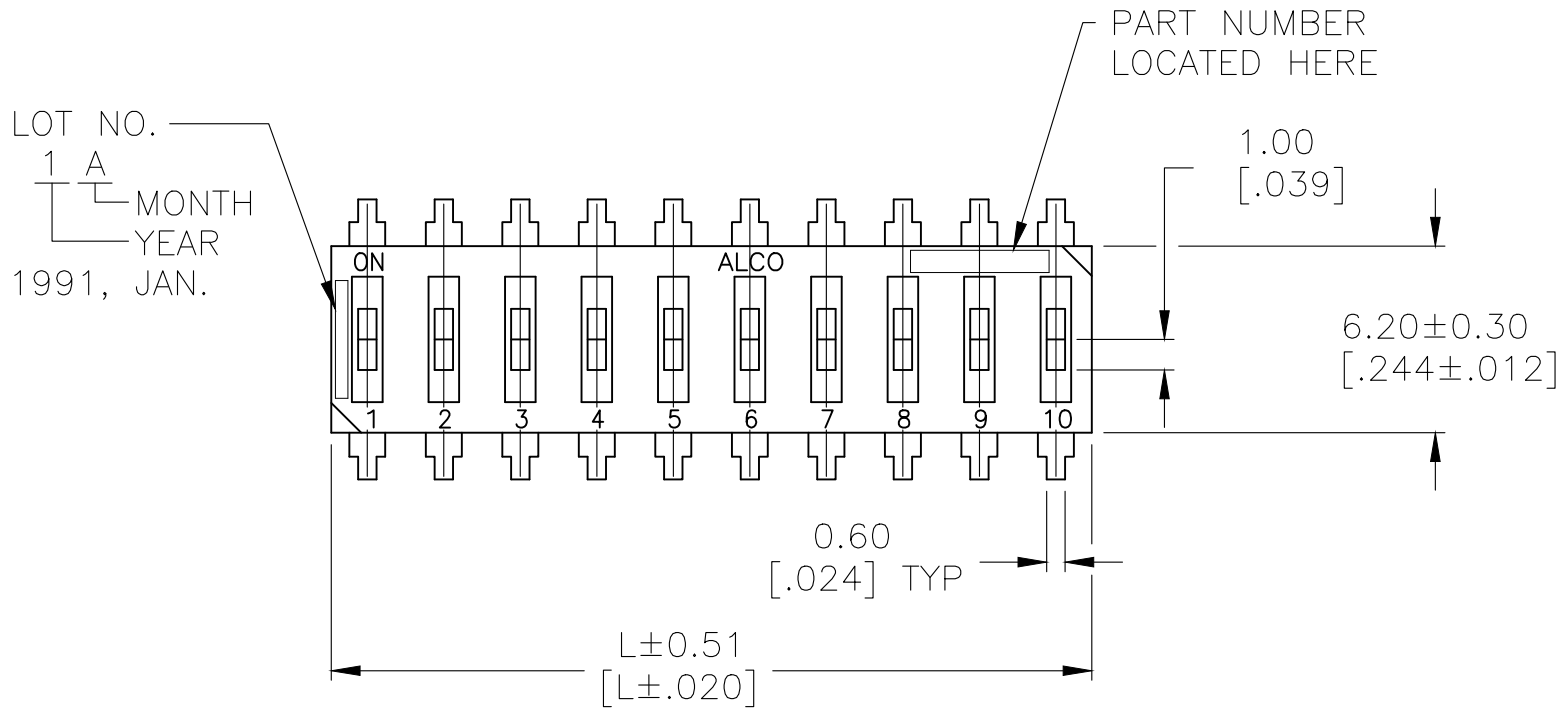
|     |            |             |             |             |      |      |             |             |             |
|-----|------------|-------------|-------------|-------------|------|------|-------------|-------------|-------------|
| 10] | OBSOLETE   | 22.86[.900] | 25.25[.994] | TAPE        | SMT  | 10   | GDS10STR04  | 2-1825006-0 |             |
|     | 5<br>21] → | 4           | 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 |
| 4   | OBSOLETE   | 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 |             |
| 4   | OBSOLETE   | 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   |             |
| 4   | OBSOLETE   | 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<br>B.S.VISWESWARA                     |  | 03MAR05            |  | <div>TE Connectivity</div> |  |                                   |  |              |  |               |  |
|                                                                                       |  | CHK<br>M.S.SARVER                         |  | -                  |  |                                                                                                                 |  |                                   |  |              |  |               |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | APVD<br>M.S.SARVER |  | NAME                                                                                                            |  | DIP SWITCH ASSEMBLY<br>GDS SERIES |  |              |  |               |  |
|  |  | 0 PLC ± -                                 |  | PRODUCT SPEC       |  | DIP SWITCH ASSEMBLY<br>GDS SERIES                                                                               |  |                                   |  |              |  |               |  |
|                                                                                       |  | 1 PLC ± -                                 |  | -                  |  |                                                                                                                 |  |                                   |  |              |  |               |  |
|                                                                                       |  | 2 PLC ± 0.25[.010]                        |  | APPLICATION SPEC   |  |                                                                                                                 |  |                                   |  |              |  |               |  |
|                                                                                       |  | 3 PLC ± -                                 |  | -                  |  |                                                                                                                 |  |                                   |  |              |  |               |  |
| 4 PLC ± -                                                                             |  | ANGLES ± 1°                               |  | -                  |  | SIZE                                                                                                            |  | CAGE CODE                         |  | DRAWING NO   |  | RESTRICTED TO |  |
| MATERIAL                                                                              |  | FINISH                                    |  | WEIGHT             |  | A2                                                                                                              |  | 00779                             |  | C-1825006    |  | -             |  |
| -                                                                                     |  | -                                         |  | -                  |  | CUSTOMER DRAWING                                                                                                |  | SCALE 4:1                         |  | SHEET 1 of 2 |  | REV R         |  |

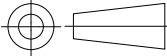


## P.C.B. HOLE LAYOUT

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



SURFACE MOUNT PAD LAYOUT

|                                                                                       |  |                            |                                                                                                       |                 |                     |                 |
|---------------------------------------------------------------------------------------|--|----------------------------|-------------------------------------------------------------------------------------------------------|-----------------|---------------------|-----------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN B.S.VISWESWARA 03MAR05 |  TE Connectivity |                 |                     |                 |
| DIMENSIONS: mm [INCHES]                                                               |  | CHK M.S.SARVER             |                                                                                                       |                 |                     |                 |
|  |  | APVD -                     | NAME                                                                                                  |                 |                     |                 |
|                                                                                       |  | PRODUCT SPEC               | DIP SWITCH ASSEMBLY GDS SERIES                                                                        |                 |                     |                 |
|                                                                                       |  | APPLICATION SPEC           |                                                                                                       |                 |                     |                 |
| MATERIAL -                                                                            |  | WEIGHT                     | SIZE A2                                                                                               | CAGE CODE 00779 | DRAWING NO. 1825006 | RESTRICTED TO - |
| FINISH -                                                                              |  | CUSTOMER DRAWING           | SCALE 4:1                                                                                             | SHEET 2 OF 2    | REV R               |                 |

# Mouser Electronics

Authorized Distributor

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