

THIS DRAWING IS UNPUBLISHED.

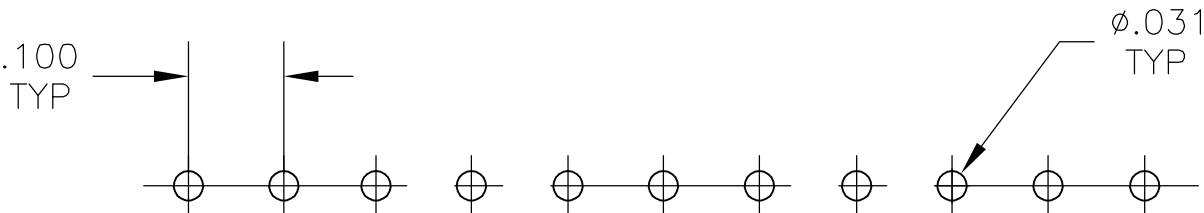
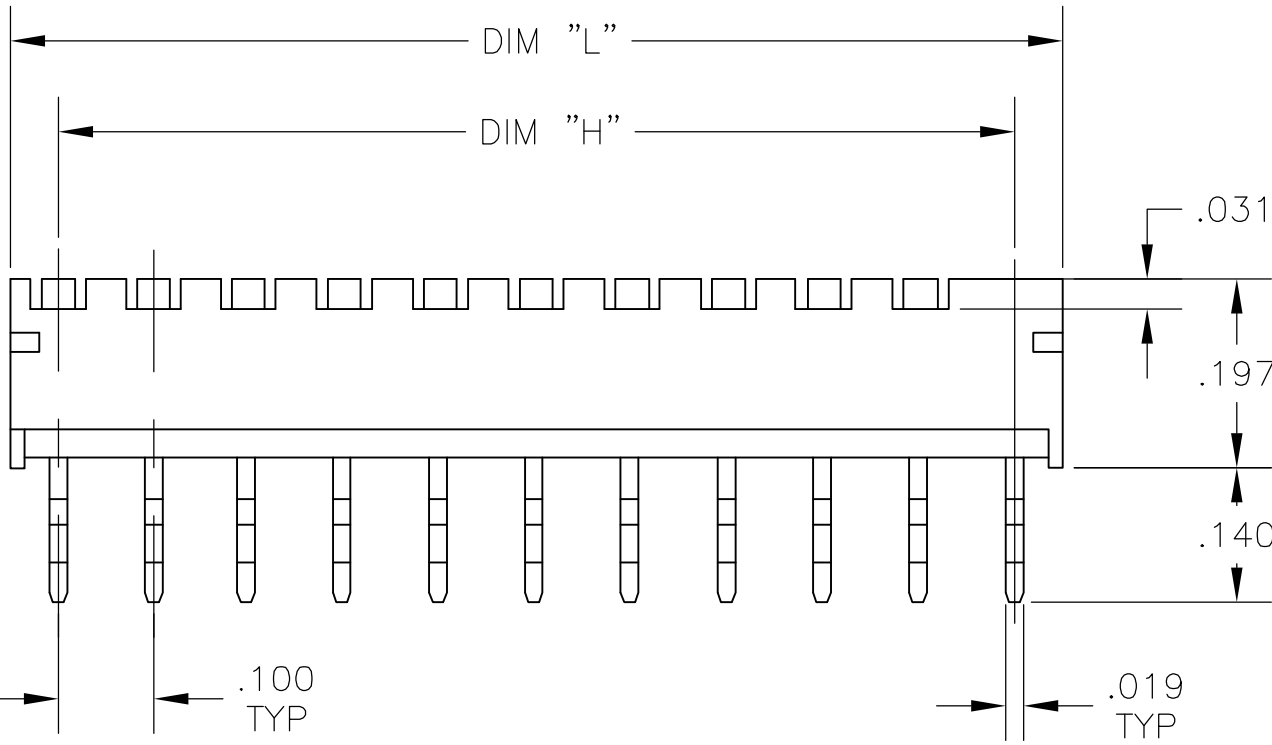
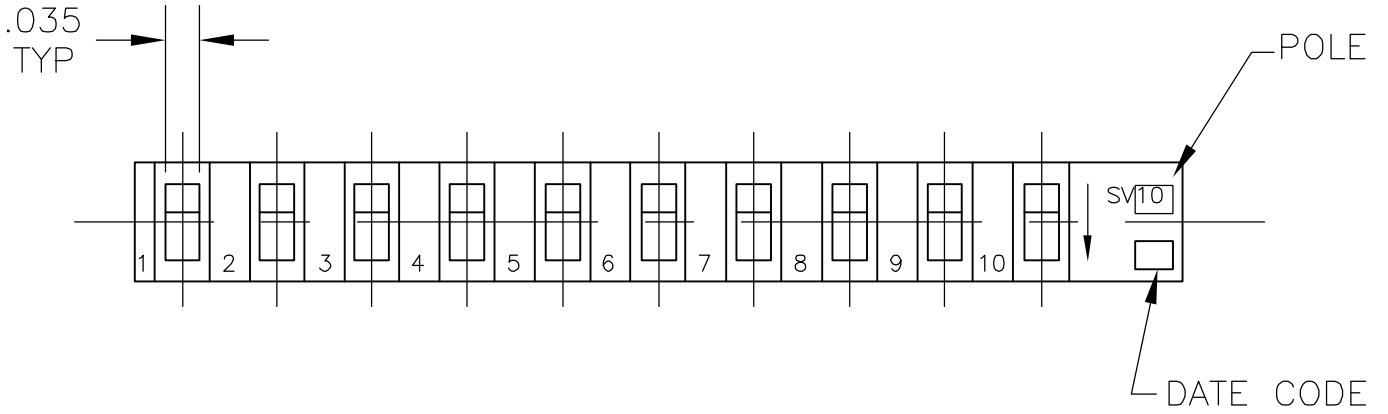
RELEASED FOR PUBLICATION

© COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

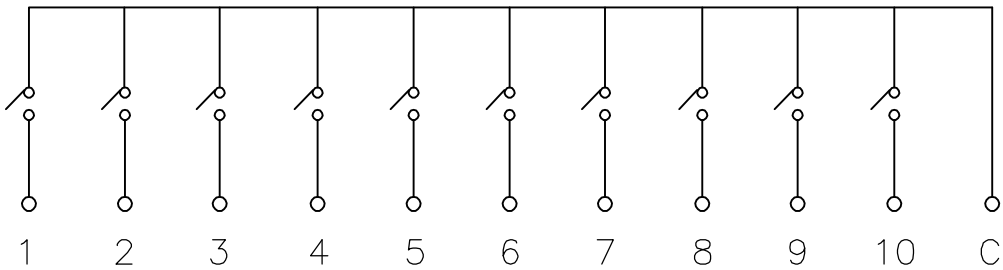
| LOC |  | DIST |  | REVISIONS |     |              |         |     |      |
|-----|--|------|--|-----------|-----|--------------|---------|-----|------|
| AD  |  | 00   |  | P         | LTR | DESCRIPTION  | DATE    | DWN | APVD |
|     |  |      |  |           | A   | ECO-05-10184 | 17NOV05 | MB  | MSS  |

CONVERSION CHART

| INCH  | MM    |
|-------|-------|
| .004  | 0.10  |
| .009  | 0.23  |
| .010  | 0.25  |
| .019  | 0.48  |
| .031  | 0.79  |
| .035  | 0.90  |
| .055  | 1.40  |
| .067  | 1.70  |
| .100  | 2.54  |
| .125  | 3.18  |
| .140  | 3.56  |
| .197  | 5.00  |
| .200  | 5.08  |
| .267  | 6.78  |
| .298  | 7.57  |
| .400  | 10.16 |
| .498  | 12.65 |
| .600  | 15.24 |
| .698  | 17.73 |
| .800  | 20.32 |
| .898  | 22.81 |
| 1.000 | 25.40 |
| 1.098 | 27.89 |



P.C.LAYOUT



CIRCUIT DIAGRAM

SPECIFICATIONS:

MATERIALS:  
BASE: PPS UL94V-0, BLACK  
COVER: PPS UL94V-0, BLACK  
ACTUATOR: 4/6 NYLON UL94V-0, WHITE  
MOVING CONTACT: COPPER ALLOY, GOLD OVER NICKEL  
FIXED CONTACT/TERMINAL- COPPER ALLOY, GOLD OVER NICKEL

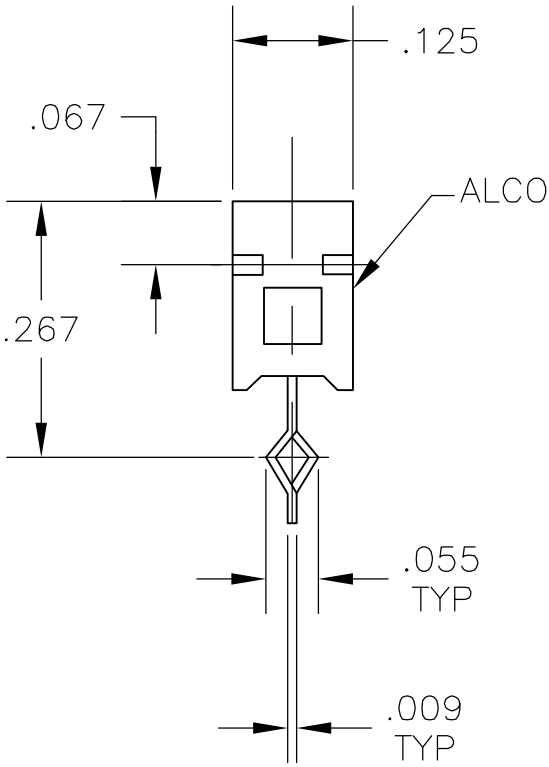
ELECTRICAL:  
CONTACT RATING: .4VA@20V DC MAX  
CONTACT RESISTANCE: 50 MILLIOHMS MAX  
INSULATION RESISTANCE: 100 MEGOHMS MIN AT 100V DC  
DIELECTRIC STRENGTH: 500V AC RMS @ SEA LEVEL  
LIFE EXPECTANCY: 1,000 CYCLES

MECHANICAL:  
ACTUATION FORCE: 800 GRAMS MAX  
TRAVEL: .050

ENVIRONMENTAL:  
OPERATING TEMPERATURE: -30° TO +85°C  
STORAGE TEMPERATURE: -45° TO +100°C  
RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B  
SOLDERABILITY PER JIS C 0050 & JIS C 0053

NOTES:

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



|       |       |         |           |
|-------|-------|---------|-----------|
| 1.000 | 1.098 | SSV1004 | 1825152-5 |
| .800  | .898  | SSV0804 | 1825152-4 |
| .600  | .698  | SSV0604 | 1825152-3 |
| .400  | .498  | SSV0404 | 1825152-2 |
| .200  | .298  | SSV0204 | 1825152-1 |
| DIM H | DIM L | T&B P/N | TYCO P/N  |

|                                        |  |                                           |  |                   |              |                                                                                                                                   |       |           |       |           |            |               |
|----------------------------------------|--|-------------------------------------------|--|-------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------|-------|-----------|-------|-----------|------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>B.S.VISWESWARA                     |  | 02MAY05           |              | <div><b>tyco</b></div> <div><b>Electronics</b></div> <div>Tyco Electronics Corporation</div> <div>Harrisburg, PA 17105-3608</div> |       |           |       |           |            |               |
| DIMENSIONS:<br>INCHES                  |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | CHK<br>M S SARVER | -            | NAME<br><br>SIP SWITCH<br>( SSV02 - 10 SERIES )<br>-                                                                              |       |           |       |           |            |               |
|                                        |  | APVD                                      |  | -                 | PRODUCT SPEC |                                                                                                                                   |       |           |       | -         |            |               |
|                                        |  | APPLICATION SPEC                          |  | -                 | SIZE         |                                                                                                                                   |       |           |       | CAGE CODE | DRAWING NO | RESTRICTED TO |
| MATERIAL<br>-                          |  | FINISH<br>-                               |  | WEIGHT<br>-       |              | A2                                                                                                                                | 00779 | C=1825152 | -     |           |            |               |
| CUSTOMER DRAWING                       |  |                                           |  |                   |              | SCALE                                                                                                                             |       | 5:1       | SHEET | 1 of 1    | REV        | A             |