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| LOC |     | DIST                      |         | REVISIONS |      |  |  |
|-----|-----|---------------------------|---------|-----------|------|--|--|
| P   | LTR | DESCRIPTION               | DATE    | DWN       | APVD |  |  |
|     | C   | REVISED PER ECO-08-015580 | 24JUN08 | HMR       | MS   |  |  |
|     | C1  | REVISED PER ECO-10-000443 | 18JAN10 | KK        | HMR  |  |  |

**SPECIFICATIONS:**

**MATERIALS:**  
 BASE: PPS UL94V-0  
 COVER: PPS UL94V-0  
 ACTUATOR: LCP UL94V-0  
 MOVING CONTACT: COPPER ALLOY, GOLD OVER NICKEL PLATE  
 FIXED CONTACT/TERMINAL: COPPER ALLOY, GOLD OVER NICKEL PLATE

**ELECTRICAL:**  
 CONTACT RATING: NON-SWITCHING 100mA @ 50 VDC  
 SWITCHING: 25mA @ 24 VDC.  
 INITIAL CONTACT RESISTANCE: 100mΩ MAX. @ 2 VDC, 10 mA.  
 INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 100 VDC.  
 DIELECTRIC STRENGTH: 300 VAC. 1 MINUTE.  
 LIFE: 1,000 CYCLES.

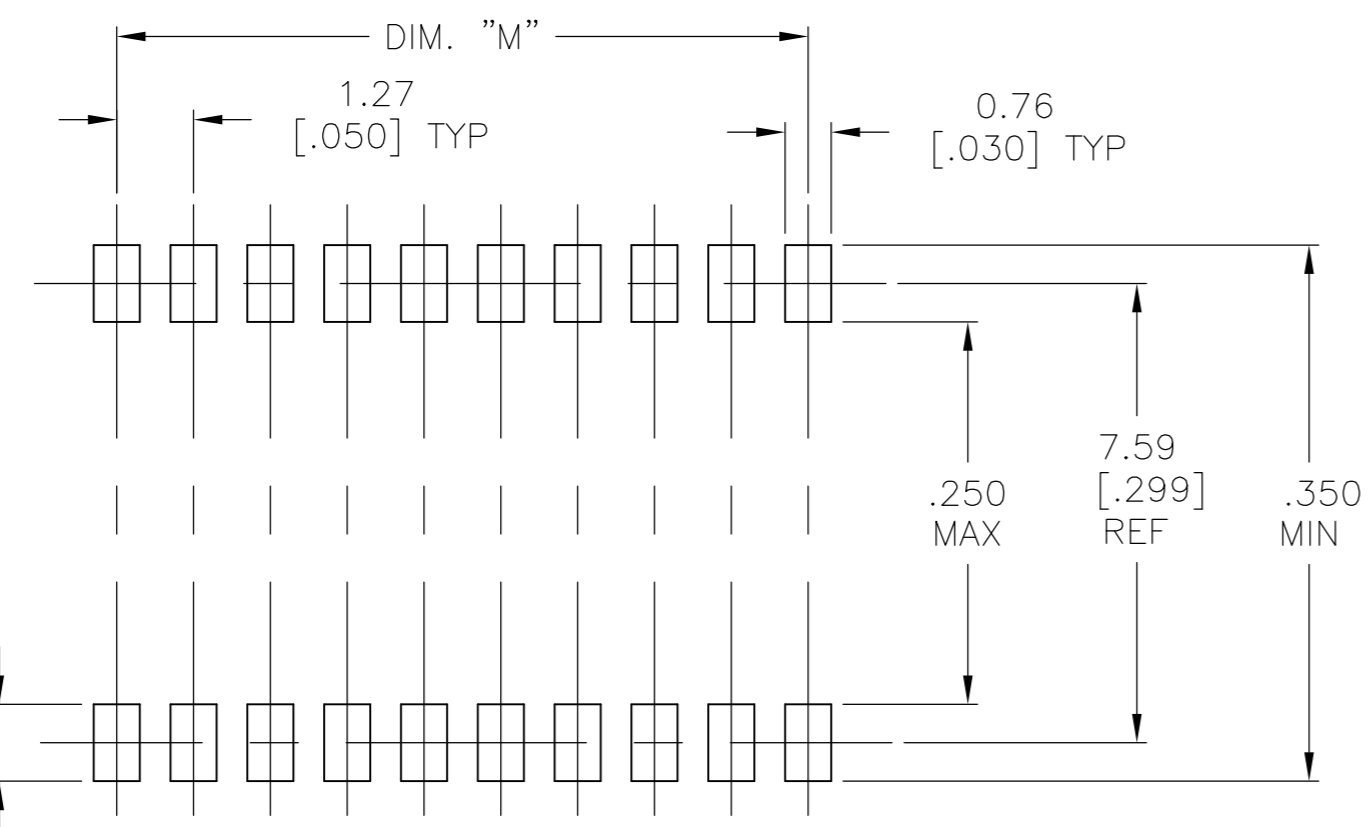
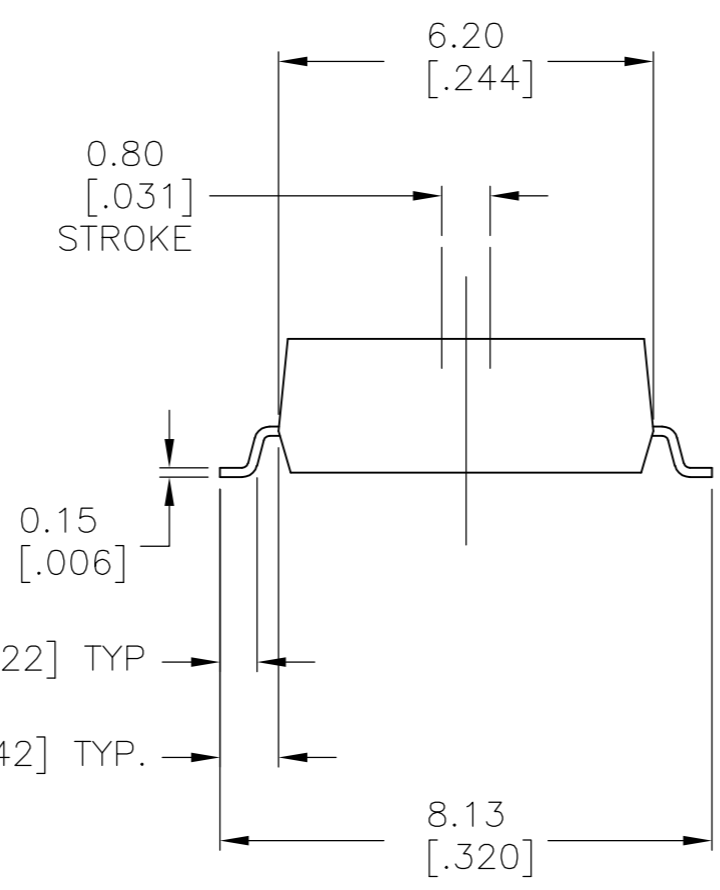
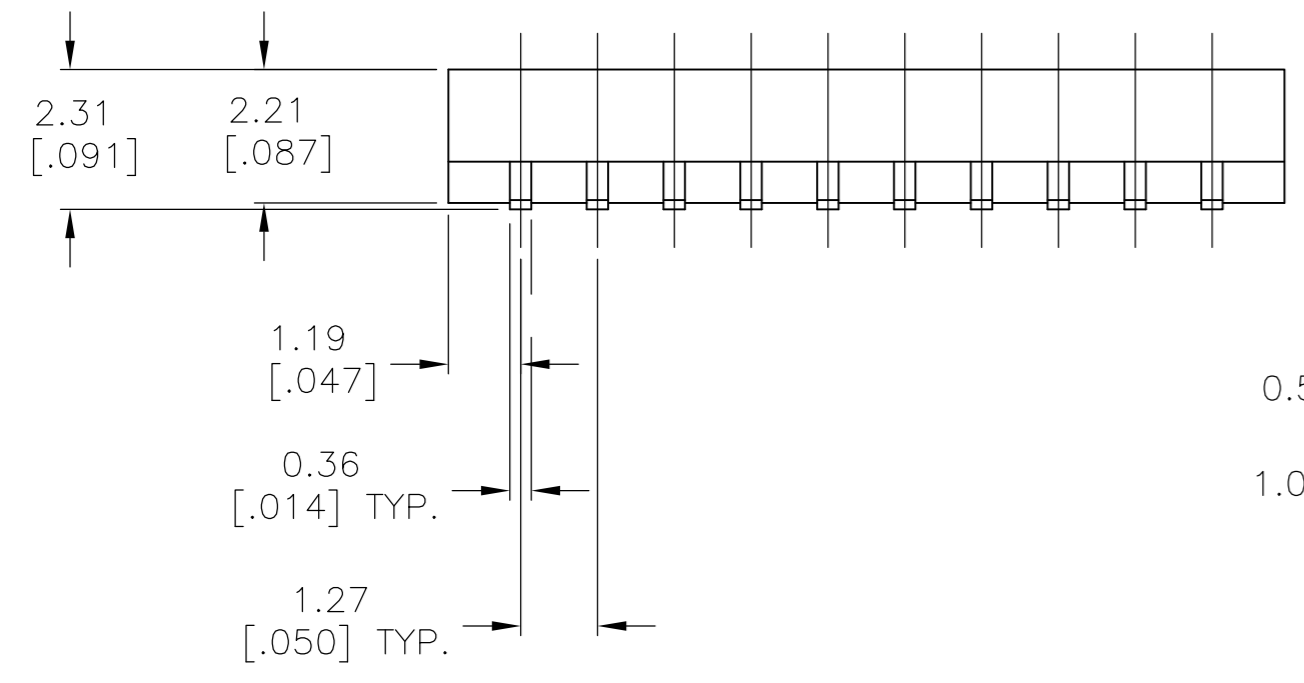
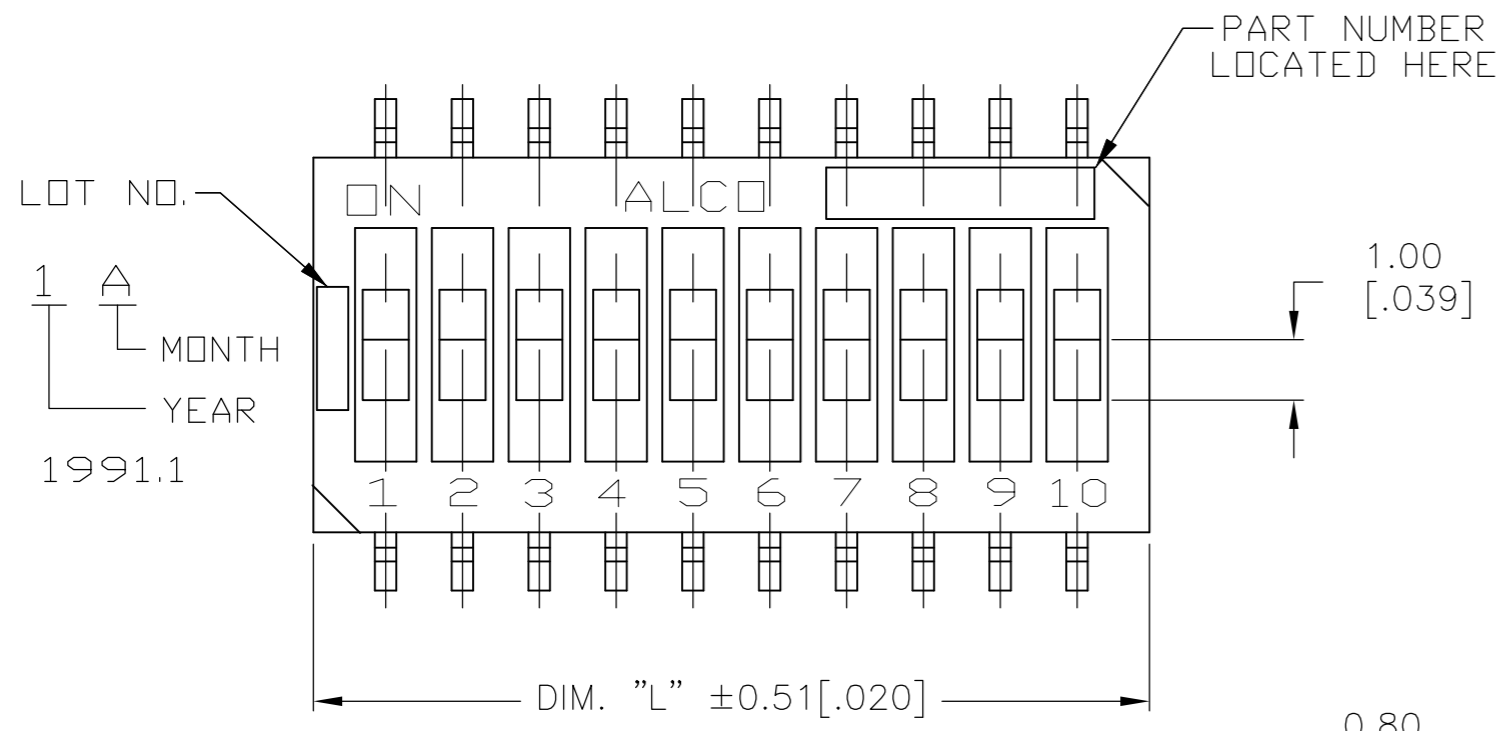
**MECHANICAL:**  
 OPERATING FORCE: 600G MAX.

**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE: -22°F TO +185°F (-30°C TO +85°C).  
 STORAGE TEMPERATURE: -49°F TO +212°F (-45°C TO +100°C).  
 SOLDER HEAT RESISTANCE PER 109-201, CONDITION B  
 SOLDERABILITY PER JIS C 0050 & JIS C 0053

**NOTES:**

- 1 PARTS WITH 'ON' SUFFIX SUPPLIED IN THE ON POSITION.
2. SUPPLIED WITH TAPE SEAL STANDARD.
3. FOR TAPE AND REEL PACKAGING- PART NO. GDHXXSTR SEE MODEL NUMBER CHART BELOW.
- 4 FOR NO SEAL OPTION = NS.
5. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27 JAN 2003 (ROHS)
- 6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|     |             |             |      |      |               |             |
|-----|-------------|-------------|------|------|---------------|-------------|
|     | 11.43[.450] | 13.82[.544] | 10   | NONE | GDH010STRNS04 | 1-1571983-6 |
| 1   | 1.27[.050]  | 3.66[.144]  | 2    | TAPE | GDH02STRON04  | 1-1571983-5 |
|     | 11.43[.450] | 13.82[.544] | 10   | TAPE | GDH010STR04   | 1-1571983-4 |
|     | 11.43[.450] | 13.82[.544] | 10   | TAPE | GDH010S04     | 1-1571983-3 |
| 4   | 8.89[.350]  | 11.28[.444] | 8    | NONE | GDH08STRNS04  | 1-1571983-2 |
|     | 8.89[.350]  | 11.28[.444] | 8    | TAPE | GDH08STR04    | 1-1571983-1 |
|     | 8.89[.350]  | 11.28[.444] | 8    | TAPE | GDH08S04      | 1-1571983-0 |
|     | 6.35[.250]  | 8.74[.344]  | 6    | TAPE | GDH06STR04    | 1571983-9   |
|     | 6.35[.250]  | 8.74[.344]  | 6    | TAPE | GDH06S04      | 1571983-8   |
| 1   | 3.81[.150]  | 6.20[.244]  | 4    | TAPE | GDH04STRON04  | 1571983-7   |
| 4   | 3.81[.150]  | 6.20[.244]  | 4    | NONE | GDH04STRNS04  | 1571983-6   |
|     | 3.81[.150]  | 6.20[.244]  | 4    | TAPE | GDH04STR04    | 1571983-5   |
|     | 3.81[.150]  | 6.20[.244]  | 4    | TAPE | GDH04S04      | 1571983-4   |
|     | 1.27[.050]  | 3.66[.144]  | 2    | TAPE | GDH02STR04    | 1571983-3   |
| 1 6 | 1.27[.050]  | 3.66[.144]  | 2    | TAPE | GDH02SON04    | 1571983-2   |
|     | 1.27[.050]  | 3.66[.144]  | 2    | TAPE | GDH02S04      | 1571983-1   |
|     | M           | L           | POLE | SEAL | OLD T&B P/N   | PART NUMBER |



1.27 [.050] REF TYP  
**P.C.B. PAD LAYOUT**  
 PCB LAYOUT TOLERANCES ±002  
 ON ALL DIMENSIONS

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                            |  |        |        |       |        |     |
|----------------------------|--|--------|--------|-------|--------|-----|
| DIMENSIONS:<br>mm [INCHES] | 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° | FINISH | WEIGHT | SCALE | SHEET  | REV |
|                            |  |        |        | 8:1   | 1 OF 1 | C1  |

Customer Drawing

Tyco Electronics Corporation  
 Harrisburg, PA 17105-3608

NAME: M SARVER  
 PRODUCT SPEC: -  
 APPLICATION SPEC: -

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 1571983 RESTRICTED TO: -