

| LOC | DIST | REVISIONS |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE    | OWN | APVD |
| AD  | 00   |           | A1  | REVISED PER ECO-11-021525 | 05NOV11 | KH  | 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  
TAPE SEAL-POLYIMIDE FILM, AMBER, SEE P/N TABLE FOR OPTIONS

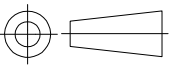
ELECTRICAL  
MAX CONTACT RATING SWITCHING, 100MILLIAMP @ 24 VDC  
MIN CONTACT RATING SWITCHING, .1MICROAMP @ 1 MILLIVOLT  
MAX CONTACT NON-SWITCHING, 1AMP @ 5 VDC  
INITIAL CONTACT RESISTANCE, 50 MILLIOHMS MAX.  
CONTACT RESISTANCE (AFTER ENVIRONMENTAL TEST), 100 MILLIOHMS  
CONTACT RESISTANCE (AFTER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

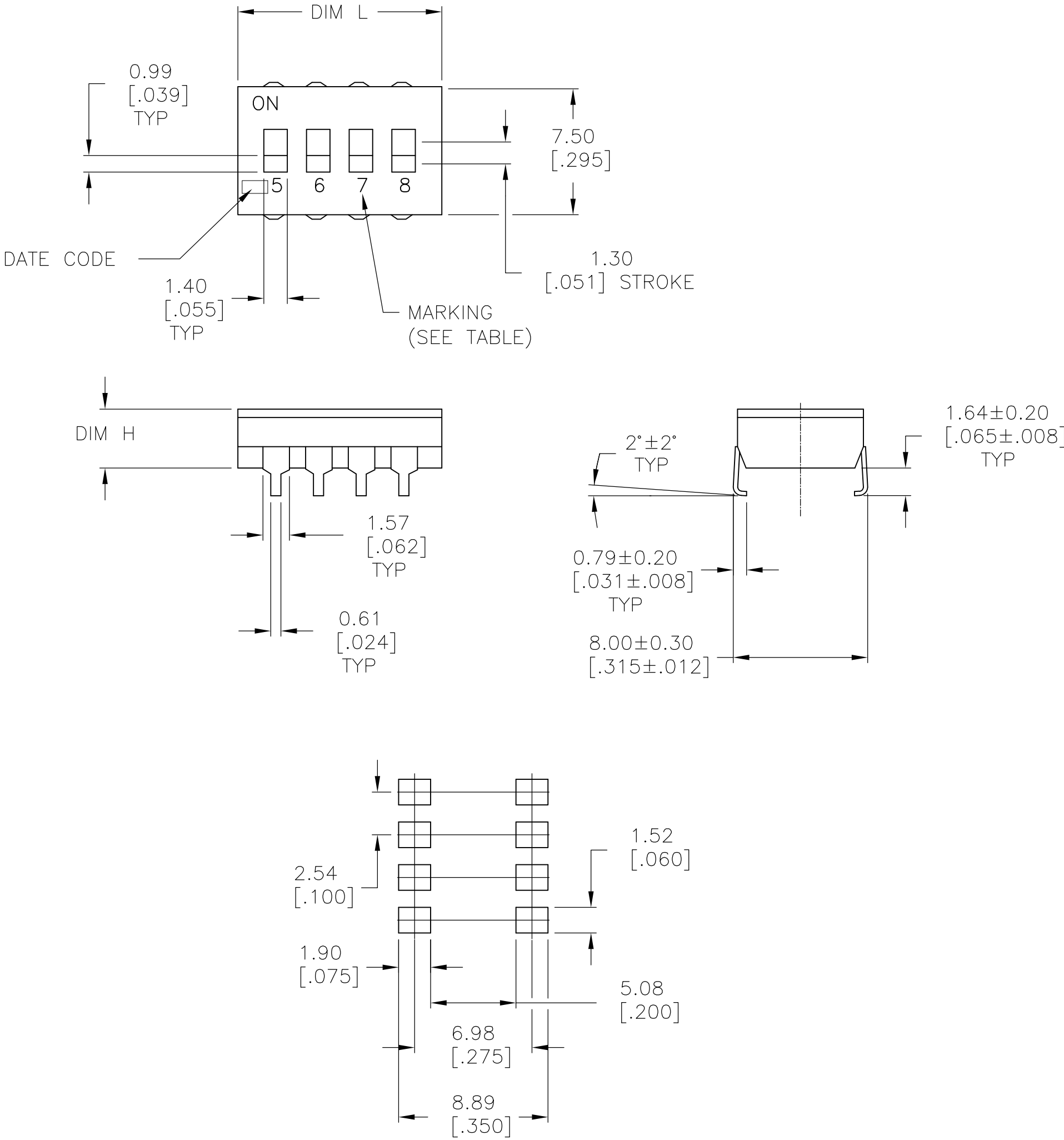
MECHANICAL  
OPERATING FORCE, LESS THAN 800 GRAMS  
CONTACT PRESSURE, 280,000 PSI

ENVIRONMENTAL  
OPERATING TEMPERATURE, -30 TO +85 DEGREES C  
STORAGE TEMPERATURE, -45 TO + 100 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 OR PACKAGED ON TAPE AND REEL
2. TOP SURFACE TO BE CLEARLY MARKED AS SHOWN
3. SWITCHES TO BE BLACK WITH WHITE ACTUATORS AND MARKINGS.
4. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
5. TAPE AND REEL PACKAGING PER EIA 481.

|                         |      |           |                |                  |      |                 |           |
|-------------------------|------|-----------|----------------|------------------|------|-----------------|-----------|
| 1,2,3,4,5,6,7,8,1,2,3,4 | T&R  | NO        | 3.61<br>(.142) | 32.50<br>(1.280) | 12   | ADF12SATR04900  | 1977208-4 |
| 5,6,7,8                 | T&R  | NO        | 3.50<br>(.138) | 12.14<br>(.478)  | 4    | ADF04SATR04900  | 1977208-3 |
| 1,2,3,4,5,6,7,8,1,2,3,4 | T&R  | YES       | 3.61<br>(.142) | 32.50<br>(1.280) | 12   | ADF12SATTR04900 | 1977208-2 |
| 5,6,7,8                 | T&R  | YES       | 3.50<br>(.138) | 12.14<br>(.478)  | 4    | ADF04SATTR04900 | 1977208-1 |
| Marking                 | Pkg. | Tape Seal | DIM H          | Dim L            | Pole | Old T&B P/N     | P/N       |

|                                                                                       |  |  |                       |         |                                                                                                       |                 |                         |                    |
|---------------------------------------------------------------------------------------|--|--|-----------------------|---------|-------------------------------------------------------------------------------------------------------|-----------------|-------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |  | DWN<br>M.BINNER       | 30AUG07 |  TE Connectivity |                 |                         |                    |
| DIMENSIONS:<br>mm [INCHES]                                                            |  |  | CHK<br>M.SARVER       | -       |                                                                                                       |                 |                         |                    |
|  |  |  | APVD<br>M.SARVER      | -       | NAME<br><br>DIP SWITCH, ADF-SMT SERIES, SPECIAL                                                       |                 |                         |                    |
|                                                                                       |  |  | PRODUCT SPEC<br>—     |         |                                                                                                       |                 |                         |                    |
|                                                                                       |  |  | APPLICATION SPEC<br>— |         |                                                                                                       |                 |                         |                    |
|                                                                                       |  |  | WEIGHT<br>—           |         |                                                                                                       |                 |                         |                    |
| MATERIAL<br>—                                                                         |  |  | FINISH<br>—           |         | SIZE<br>A2                                                                                            | CAGE CODE<br>—  | DRAWING NO<br>C=1977208 | RESTRICTED TO<br>— |
| CUSTOMER DRAWING                                                                      |  |  |                       |         | SCALE<br>4:1                                                                                          | SHEET<br>1 of 1 | REV<br>A1               |                    |



RECOMMENDED PAD LAYOUT