

| REVISIONS |         |     |           |
|-----------|---------|-----|-----------|
| A         | C094774 | TSM | 2 JUL 99  |
| B         | PR24271 | TSM | 14 SEP 99 |
| C         | 206660  | TSM | 16 OCT 02 |
| D         | 207009  | CSL | 4 DEC 02  |
| E         | 207073  | CSL | 13 DEC 02 |
| F         | 0098235 | SBH | 20 FEB 13 |

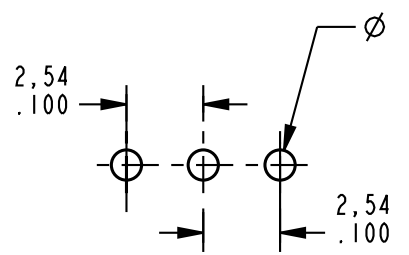
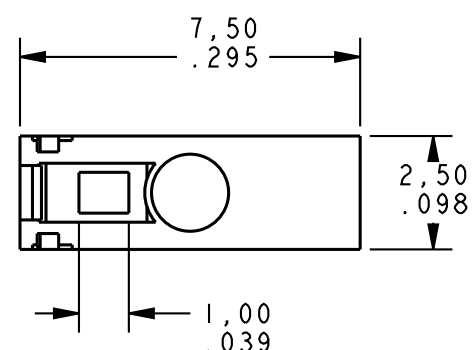
MICRO SWITCH  
a Honeywell Division  
FED. MFG. CODE 91929

SWITCH - BASIC

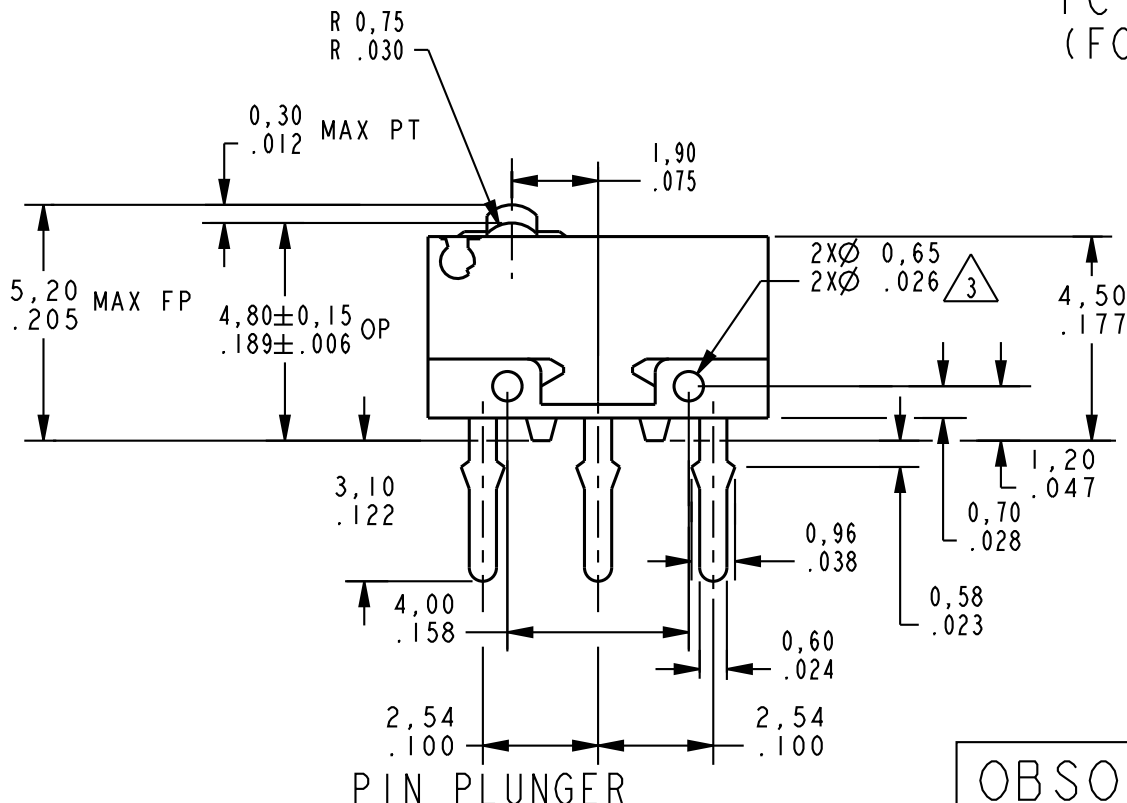
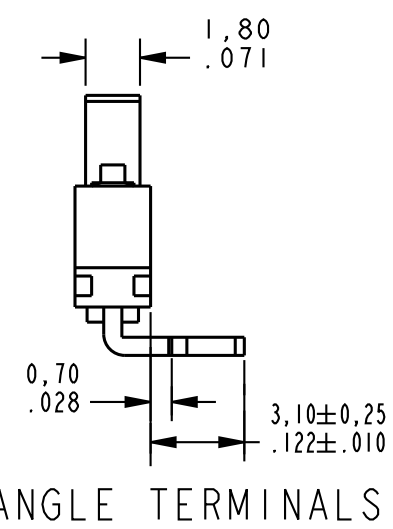
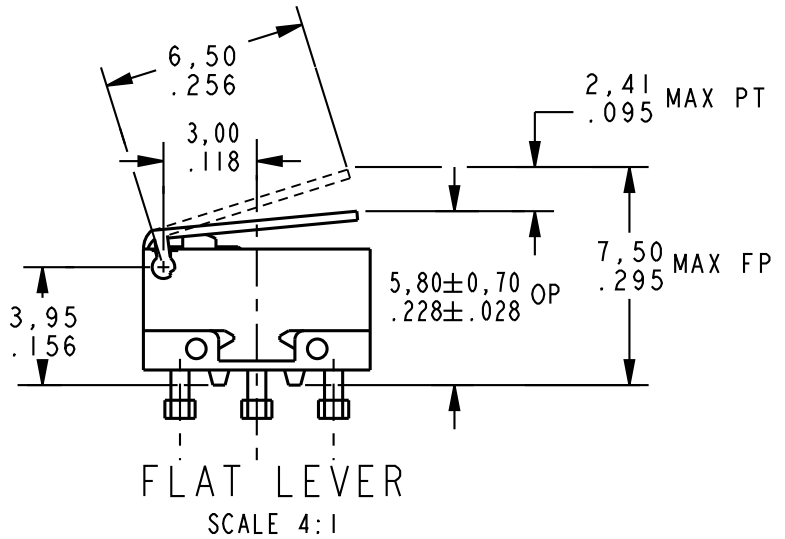
CATALOG LISTING  
US SERIES CHART 1

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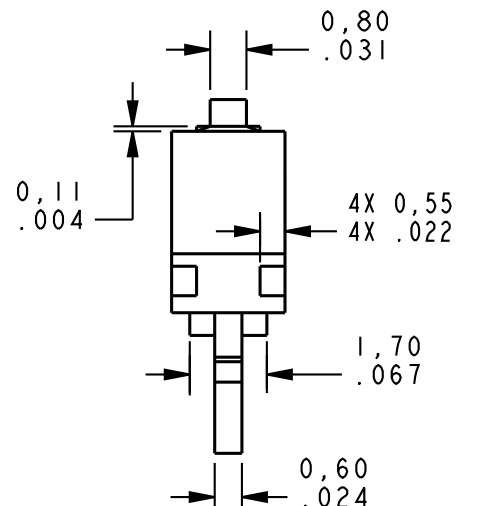
NOTES  
1 - TERMINALS ARE PLATED FOR SOLDERING  
2 - SWITCH WILL WITHSTAND A TEMPERATURE OF 82.2°C/180°F  
3 NOT THRU HOLES  $\varnothing 1.00^{+0.08}_{-0.02}$   
 $\varnothing .039^{+0.003}_{-0.001}$



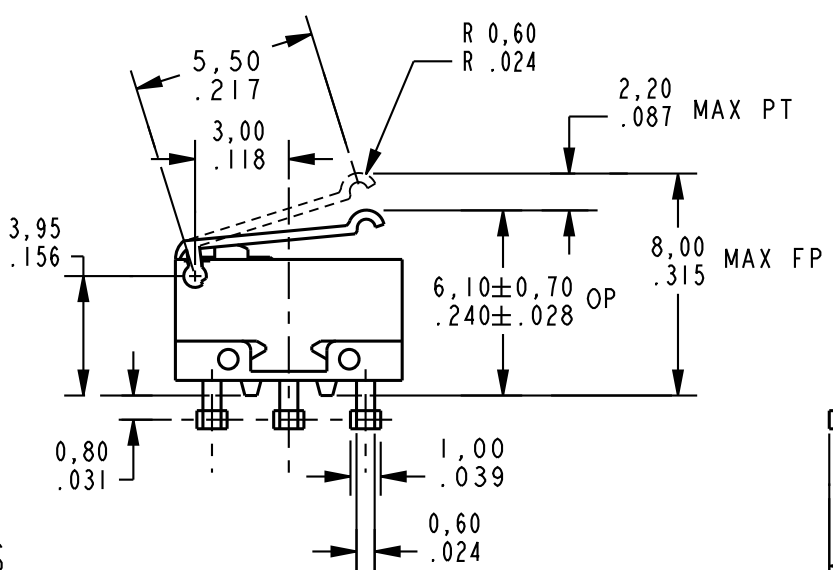
PC BOARD PATTERN  
(FOR REFERENCE ONLY)  
SCALE 4:1



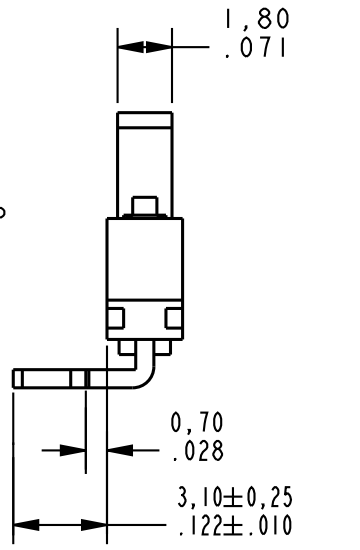
PIN PLUNGER



STRAIGHT TERMINALS



SIMULATED ROLLER LEVER  
SCALE 4:1



REVERSE ANGLE  
TERMINALS

OBSOLETE

| CONTACT TYPE | ACTUATOR TYPE    | PRINTED CIRCUIT BOARD TERMINALS |                         |                                |                     |                   |                |                         |                 |                        |                   |
|--------------|------------------|---------------------------------|-------------------------|--------------------------------|---------------------|-------------------|----------------|-------------------------|-----------------|------------------------|-------------------|
|              |                  | STRAIGHT TERMINALS              | ANGLE TERMINALS (RIGHT) | REVERSE ANGLE TERMINALS (LEFT) | CHARACTERISTICS     |                   |                |                         |                 |                        |                   |
|              |                  |                                 |                         |                                | OPERATING FORCE MAX | RELEASE FORCE MIN | PRE-TRAVEL MAX | DIFFERENTIAL TRAVEL MAX | OVER TRAVEL MIN | OPERATING POSITION     | FREE POSITION MAX |
| SILVER       | PIN PLUNGER      | US20D20A00                      | (A)                     | (A)                            | 100<br>3.527        | 10<br>.353        | 0.3<br>.012    | 0.1<br>.004             | 0.1<br>.004     | 4.80<br>.189           | 5.2<br>.205       |
|              | FLAT LEVER       | (A)                             | (A)                     | US20D60C00                     | 25<br>.882          | 1.0<br>.035       | 2.4<br>.094    | 0.7<br>.028             | 0.4<br>.016     | 5.80±0.70<br>.228±.028 | 7.5<br>.295       |
|              | SIM ROLLER LEVER | US20D20E00                      | (A)                     | (A)                            | 30<br>1.058         | 1.0<br>.035       | 2.2<br>.087    | 0.7<br>.028             | 0.3<br>.012     | 6.10±0.70<br>.240±.028 | 8.0<br>.315       |
| GOLD         | PIN PLUNGER      | (D)                             | (A)                     | (A)                            | 100<br>3.527        | 10<br>.353        | 0.3<br>.012    | 0.1<br>.004             | 0.1<br>.004     | 4.80<br>.189           | 5.2<br>.205       |
|              | FLAT LEVER       | US10D20C00                      | (A)                     | US10D50C00                     | 25<br>.882          | 1.0<br>.035       | 2.4<br>.094    | 0.7<br>.028             | 0.4<br>.016     | 5.80±0.70<br>.228±.028 | 7.5<br>.295       |
|              | SIM ROLLER LEVER | US10D20E00                      | (A)                     | US10D60E00                     | 30<br>1.058         | 1.0<br>.035       | 2.2<br>.087    | 0.7<br>.028             | 0.3<br>.012     | 6.10±0.70<br>.240±.028 | 8.0<br>.315       |

ANSI Y14.5M-1982 APPLIES

THIRD ANGLE PROJECTION

SCALE 6 : 1

DO NOT SCALE PRINT

TOLERANCES

APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE :

| NO PLACES    | DIN  | TOL       | DIN   | TOL       |
|--------------|------|-----------|-------|-----------|
|              | mm   | mm/in     | in    | mm/in     |
| ONE PLACE    | X    | 1/.04     | X.X   | 0.8/.03   |
| TWO PLACES   | X.X  | 0.4/.016  | X.XX  | 0.38/.015 |
| THREE PLACES | X.XX | 0.15/.006 | X.XXX | 0.13/.005 |

ANGLES

SI METRIC ☒ US CUSTOMARY ☐

DESIGN UNITS

WEIGHT

# Mouser Electronics

Authorized Distributor

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[US10D20E00](#) [US20D20A00](#)