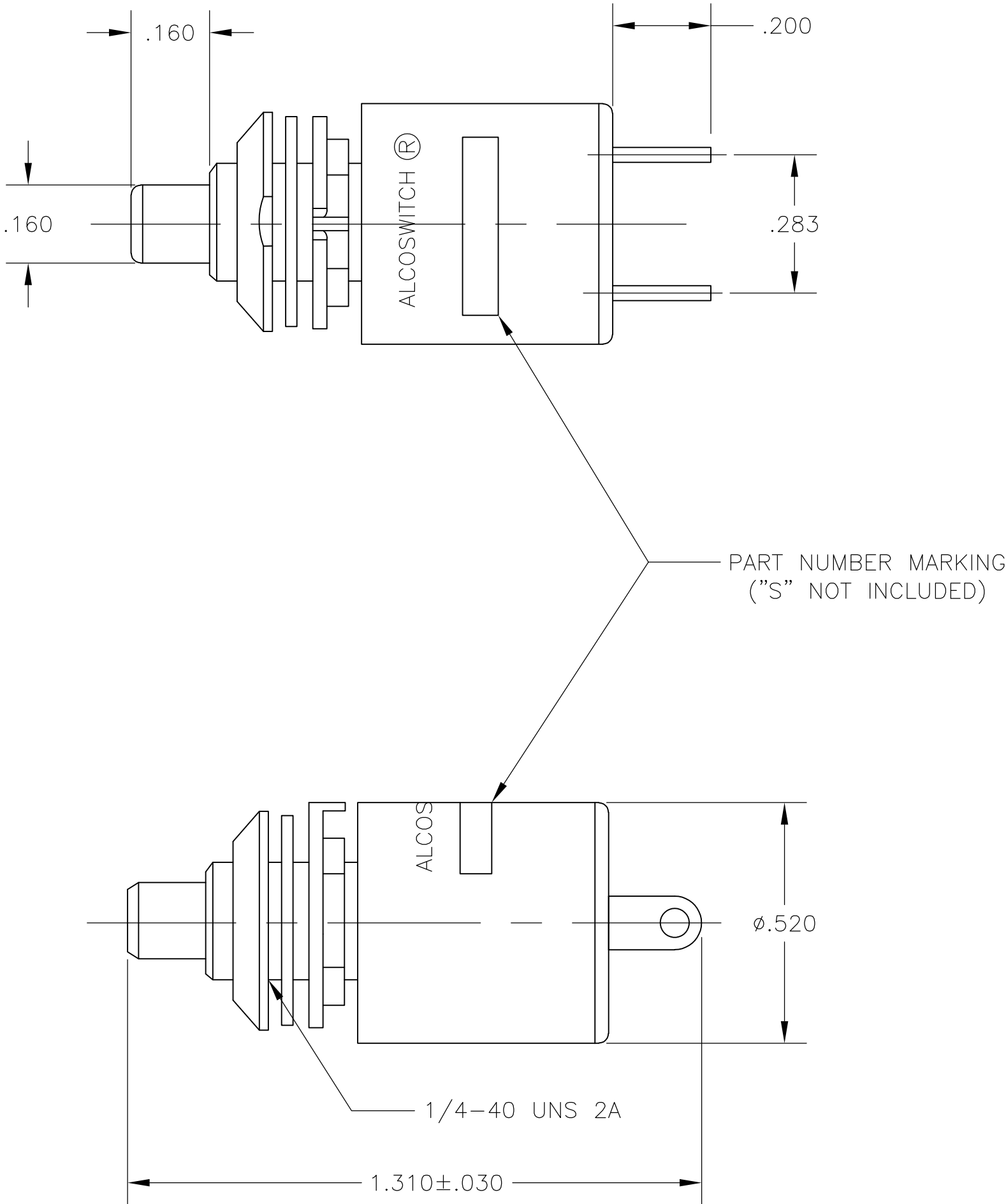
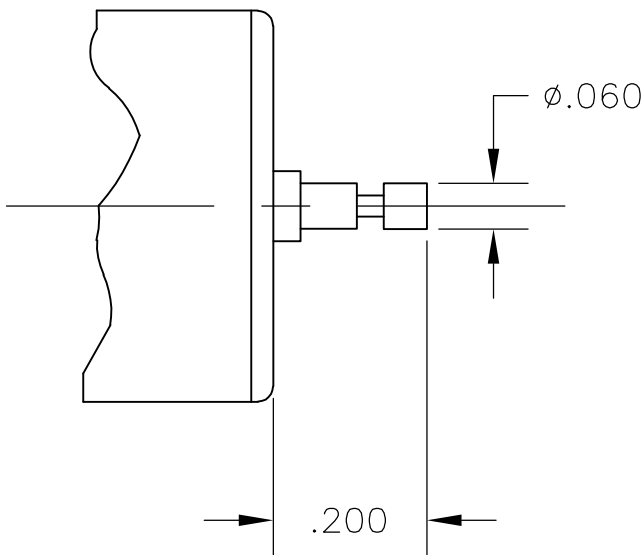


| P | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|---|-----|---------------------------|---------|-----|------|
|   | A2  | REVISED PER ECO-11-005027 | 11MAR11 | RK  | HMR  |



LUG TERMINAL



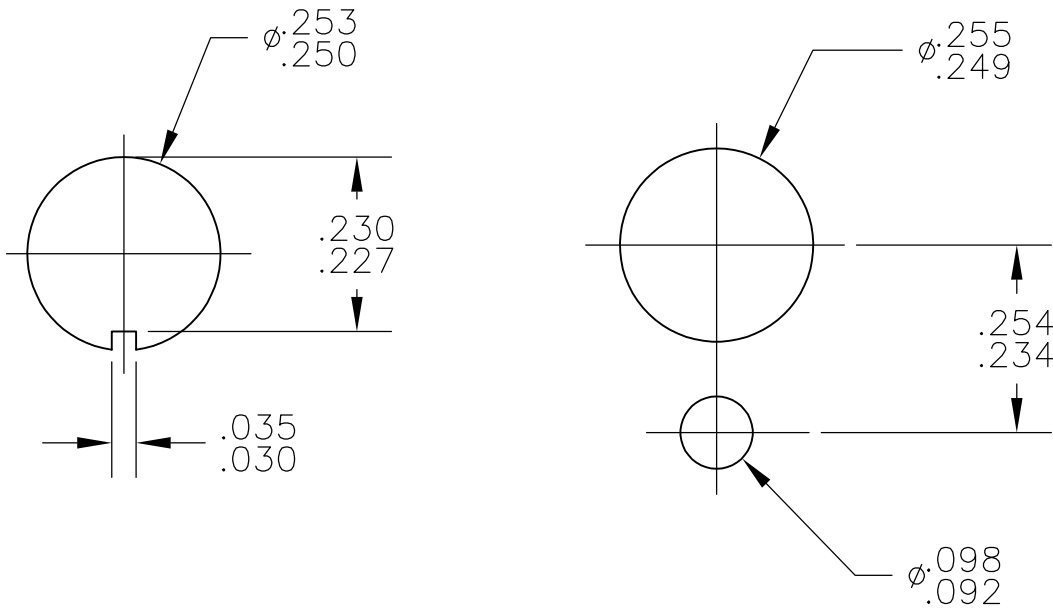
PIN TERMINAL OPTION

NOTES:

1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHES.
2. EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:
  - (1) DECORATIVE NUT
  - (1) HEX NUT
  - (1) INTERNAL TOOTH LOCKWASHER
  - (1) LOCATING RING
3. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
4. LUG TERMINALS ACCEPT STANDARD .110 QUICK CONNECT RECEPTACLES. PIN TERMINALS USEABLE FOR PCB APPLICATIONS.

|                                        |           |                 |                  |         |                                                                           |           |
|----------------------------------------|-----------|-----------------|------------------|---------|---------------------------------------------------------------------------|-----------|
| LUG                                    | RED       | NORMALLY OPEN   | 1                | 1       | MSPM101CS104                                                              | 1825539-4 |
| PIN                                    | RED       | NORMALLY OPEN   | 1                | 1       | MSPM101CS04                                                               | 1825539-3 |
| LUG                                    | BLACK     | NORMALLY CLOSED | 1                | 1       | MSPM101BS104                                                              | 1825539-2 |
| PIN                                    | BLACK     | NORMALLY CLOSED | 1                | 1       | MSPM101BS04                                                               | 1825539-1 |
| TERMINAL STYLE                         | CAP COLOR | ACTION          | THROWS           | POLES   | ALCO P/N                                                                  | P/N       |
| THIS DRAWING IS A CONTROLLED DOCUMENT. |           |                 | DWN<br>M.M.      | 14OCT92 | TE Connectivity                                                           |           |
| DIMENSIONS:<br>INCHES                  |           |                 | CHK<br>RAY.D     | 15OCT92 |                                                                           |           |
|                                        |           |                 | APVD<br>J.JORDAN | 19OCT92 |                                                                           |           |
|                                        |           |                 | PRODUCT SPEC     |         |                                                                           |           |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |           |                 | APPLICATION SPEC |         | PUSH BUTTON SWITCH, MAGNETIC REED,<br>HERMETICALLY SEALED, AUDIBLE DETENT |           |
| 0 PLC ± -                              |           |                 | —                |         | —                                                                         |           |
| 1 PLC ± -                              |           |                 | —                |         | —                                                                         |           |
| 2 PLC ± -                              |           |                 | —                |         | —                                                                         |           |
| 3 PLC ± .010                           |           |                 | —                |         | —                                                                         |           |
| 4 PLC ± -                              |           |                 | —                |         | —                                                                         |           |
| ANGLES ± 1°                            |           |                 | —                |         | —                                                                         |           |
| FINISH                                 |           |                 | WEIGHT           | —       | —                                                                         |           |
| SEE SPECIFICATIONS                     |           |                 | —                |         | —                                                                         |           |
| SEE SPECIFICATIONS                     |           |                 | —                |         | —                                                                         |           |
| CUSTOMER DRAWING                       |           |                 | SCALE            | 4:1     | SHEET 1 of 2                                                              |           |
|                                        |           |                 | REV              | A2      |                                                                           |           |

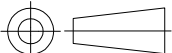
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| AD  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      |           | —   | SEE SHEET 1 | —    | —   | —    |



RECOMMENDED HOLE LAYOUT  
TO PREVENT ROTATION

| MATERIALS       |                                |                  |
|-----------------|--------------------------------|------------------|
| COMPONENT NAME  | BASE MATERIAL                  | FINISH           |
| CASE            | STEEL                          |                  |
| ACTUATOR BUTTON | POLYAMIDE, SEE CHART FOR COLOR |                  |
| MOVING CONTACT  | COPPER ALLOY                   | GOLD OVER NICKEL |
| FIXED CONTACT   | COPPER ALLOY                   | GOLD OVER NICKEL |
| TERMINALS       | COPPER ALLOY                   | TIN OVER NICKEL  |

| SPECIFICATIONS                  |                                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------------|
| RATING                          | 1.0VA OPTIMUM (100mA MAX., 50 VDC MAX.)                                                   |
| INITIAL CONTACT RESISTANCE      | 100 MILLIOHMS                                                                             |
| INSULATION RESISTANCE           | 1000 MEGOHMS MIN.                                                                         |
| DIELECTRIC WITHSTANDING VOLTAGE | 1000 VRMS AT SEA LEVEL                                                                    |
| DURABILITY                      | 5000000 CYCLES AT .1VA                                                                    |
|                                 | 50000 CYCLES AT 5VA                                                                       |
| OPERATING FORCE                 | TACTILE KEYBOARD FEEL 4 TO 7 OZ. BREAKAWAY REDUCING IMMEDIATELY TO 1.5 OZ. FOLLOW-THROUGH |
| TRAVEL                          | .079 +/- .008                                                                             |
| OPERATING TEMPERATURE           | -10C TO +80C                                                                              |
| STORAGE TEMPERATURE             | -10C TO +80C                                                                              |

|                                                                                       |  |                                                                                 |                                                                                                              |      |                               |                                                                           |                                                                                                                 |           |  |            |  |               |  |           |  |
|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------|-------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------|--|------------|--|---------------|--|-----------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                                                                 | DWN<br>M.M.<br>CHK<br>RAY.D<br>APVD<br>J.JORDAN<br>PRODUCT SPEC<br>—<br>APPLICATION SPEC<br>—<br>WEIGHT<br>— |      | 14OCT92<br>15OCT92<br>19OCT92 |                                                                           | <div>TE Connectivity</div> |           |  |            |  |               |  |           |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                       |                                                                                                              | NAME |                               | PUSH BUTTON SWITCH, MAGNETIC REED,<br>HERMETICALLY SEALED, AUDIBLE DETENT |                                                                                                                 |           |  |            |  |               |  |           |  |
|  |  | 0 PLC ± —<br>1 PLC ± —<br>2 PLC ± —<br>3 PLC ± .010<br>4 PLC ± —<br>ANGLES ± 1° |                                                                                                              | —    |                               | SIZE                                                                      |                                                                                                                 | CAGE CODE |  | DRAWING NO |  | RESTRICTED TO |  |           |  |
| MATERIAL<br>SEE SPECIFICATIONS                                                        |  | FINISH<br>SEE SPECIFICATIONS                                                    |                                                                                                              | —    |                               | A2                                                                        |                                                                                                                 | 00779     |  | C=1825539  |  | —             |  |           |  |
| CUSTOMER DRAWING                                                                      |  |                                                                                 |                                                                                                              |      |                               | SCALE                                                                     |                                                                                                                 | 4:1       |  | SHEET      |  | 2 OF 2        |  | REV<br>A2 |  |