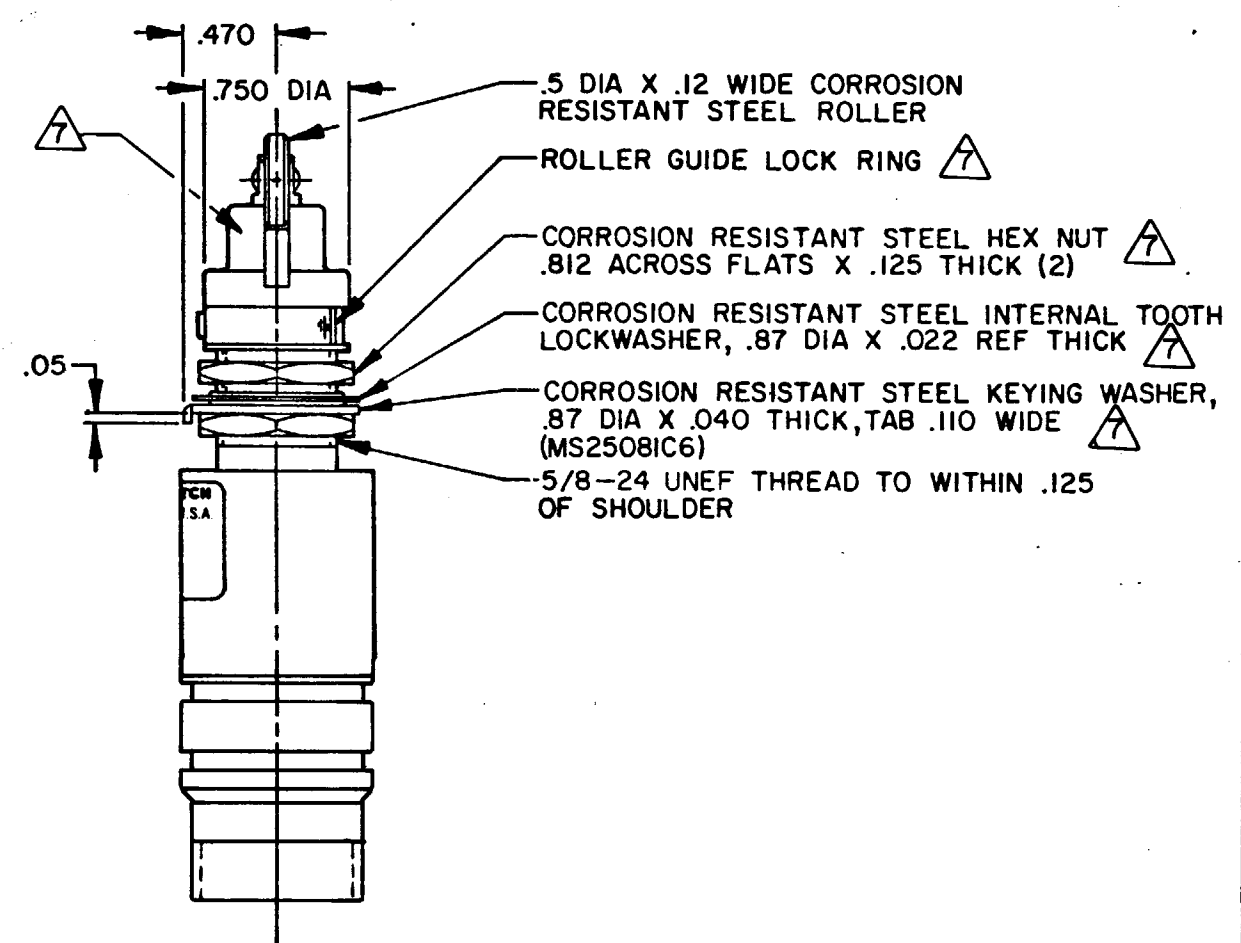
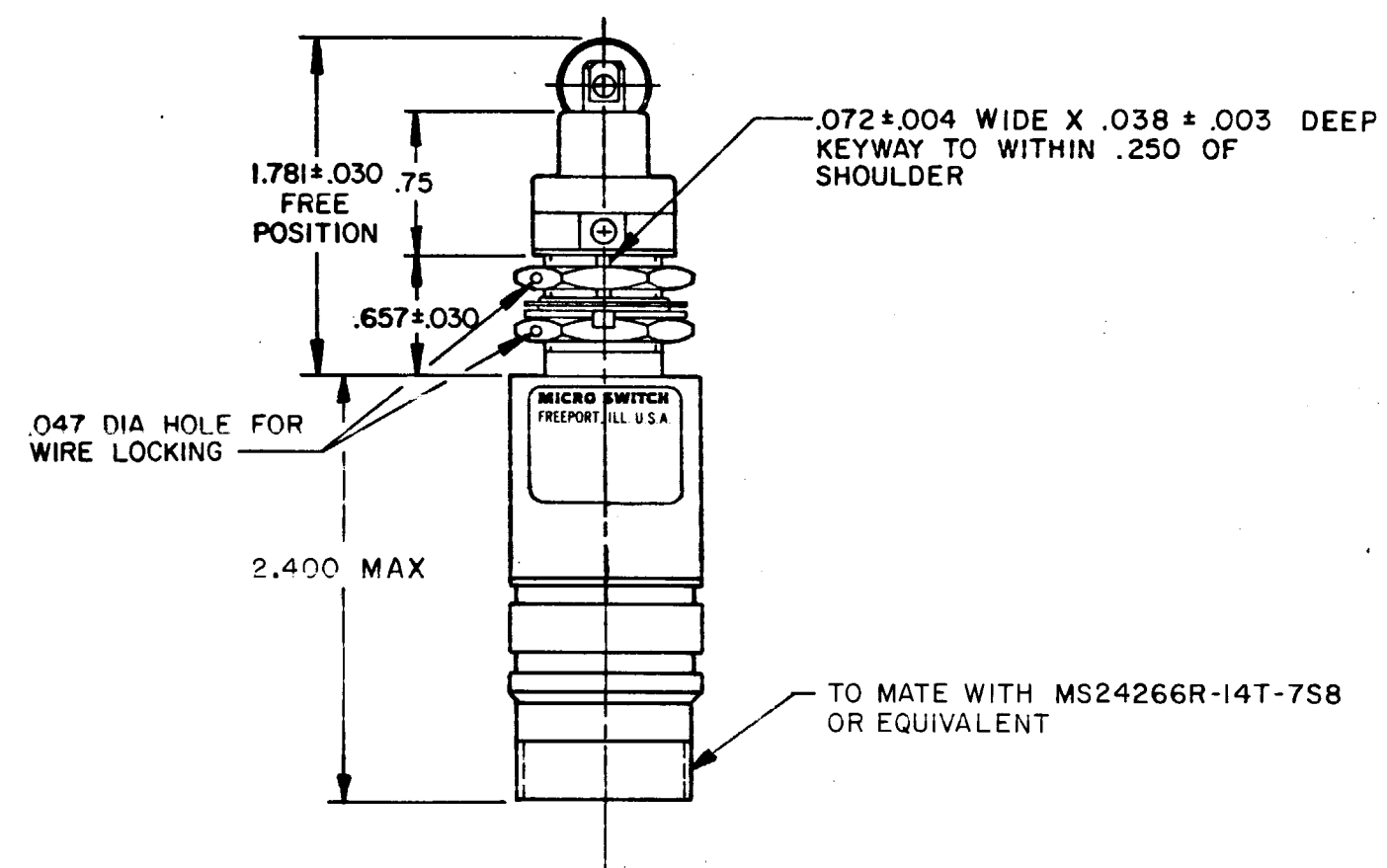
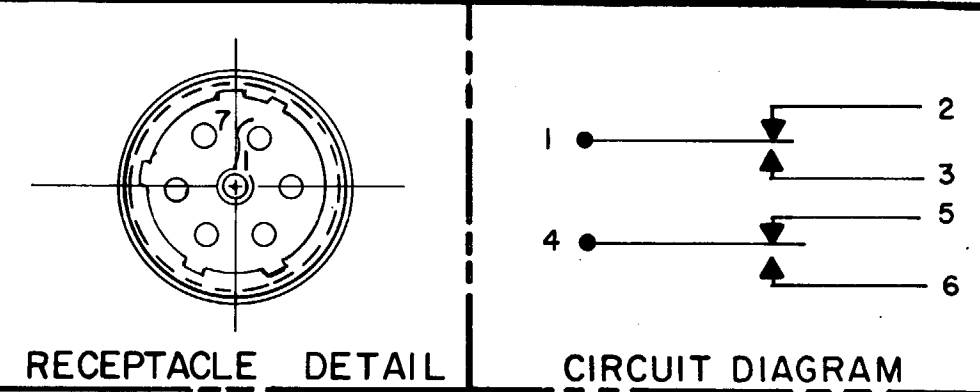
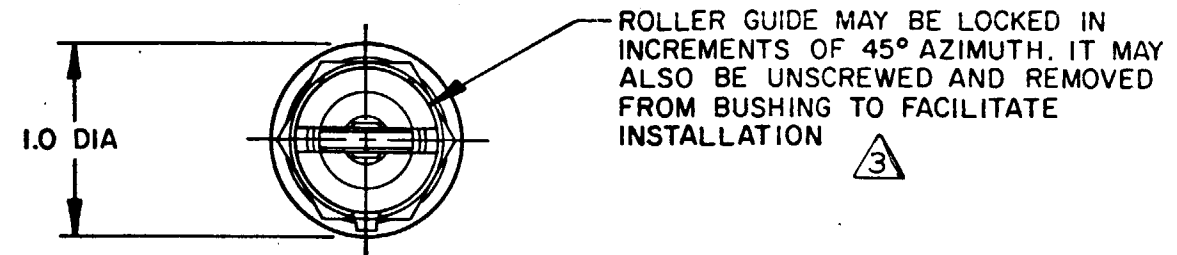


M 21EN51-RB6  
DRAWING NUMBER  
ISSUE 9  
REVISIONS  
A OBS DWG CO 39750  
SMA 10 FEB 80  
B RE-IN PR-9615  
GJW 23 DEC 80  
C C050058  
JAP 14 SEPT 81  
D CO- 51177  
JMJ 2 APR 82  
FO-2851-A  
DRAWN  
GJW 22 DEC 80  
CHECK CEE  
29 DEC 80  
CHECK GJR 23 DEC 80  
REPLACES  
RELEASE NO. PR-9615

**MICRO SWITCH**  
FREEPORT, ILLINOIS, U.S.A.  
A DIVISION OF HONEYWELL  
FED. MFG. CODE 91929

**SWITCH - ENCLOSED**

CATALOG LISTING  
**21EN51-RB6**



- NOTES
- 1 CORROSION RESISTANT STEEL ENCLOSURE
  - 2 SWITCH SEALED PER MIL-S-8805 SYMBOL 4
  - 3 TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCK RING, SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION. SECURE BY REPLACING ROLLER GUIDE LOCK RING
  - 4 CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
  - 5 KEYWAY IN MOUNTING BUSHING AND RECEPTACLE POLARIZING KEY ARE NOT NECESSARILY ALIGNED
  - 6 COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
  - 7 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

|                                                                                                                                                                                     |  |                        |  |                                                                                          |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|------------------------------------------------------------------------------------------|------------|
| THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH. |  | THIRD ANGLE PROJECTION |  | SCALE FULL                                                                               |            |
| CHARACTERISTICS                                                                                                                                                                     |  | ELECTRICAL DATA        |  | DO NOT SCALE PRINT                                                                       |            |
| OPERATING FORCE -----3-6 LB                                                                                                                                                         |  | CONTACT ARRANGEMENT    |  | TOLERANCES                                                                               |            |
| FULL OVERTRAVEL FORCE -----17 LB MAX                                                                                                                                                |  | SPDT (2)               |  | APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE: |            |
| RELEASE FORCE -----2 LB MIN                                                                                                                                                         |  | 28 VDC                 |  | DIM. mm                                                                                  | TOL. mm/in |
| PRETRAVEL -----0.040 MAX                                                                                                                                                            |  | SEA LEVEL              |  | NO PLACES                                                                                | 1/04       |
| DIFFERENTIAL TRAVEL -----0.020 MAX                                                                                                                                                  |  | 50,000 FT.             |  | ONE PLACE                                                                                | 0.47/0.18  |
| OVERTRAVEL -----250 MIN                                                                                                                                                             |  | LOAD                   |  | TWO PLACES                                                                               | 0.38/0.15  |
|                                                                                                                                                                                     |  | RES                    |  | THREE PLACES                                                                             | 0.13/0.005 |
|                                                                                                                                                                                     |  | IND                    |  | ANGLES                                                                                   |            |
|                                                                                                                                                                                     |  | MOTOR                  |  | DESIGN UNITS                                                                             |            |
|                                                                                                                                                                                     |  | LAMP                   |  | RAA MATERIAL - COMMERCIAL STANDARD                                                       |            |
|                                                                                                                                                                                     |  |                        |  | MICRO SWITCH STANDARDS APPLY                                                             |            |
|                                                                                                                                                                                     |  |                        |  | DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED                          |            |
|                                                                                                                                                                                     |  |                        |  | WEIGHT                                                                                   |            |