

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

**SWITCH — ENCLOSED**

CATALOG LISTING  
**221CH55-RB**

**221CH55-RB**

**M**

DRAWING  
NUMBER

**4**

ISSUE  
**5**

RELEASE NO. PR-8632 REPLACES

REVISIONS

|    |         |
|----|---------|
| A  | C044351 |
| S  | L B     |
| 10 | JAN 79  |
| B  | C046978 |
| R  | J H     |
| 12 | DEC 79  |
| C  | PR-8632 |
| G  | J W     |
| 9  | APR 80  |

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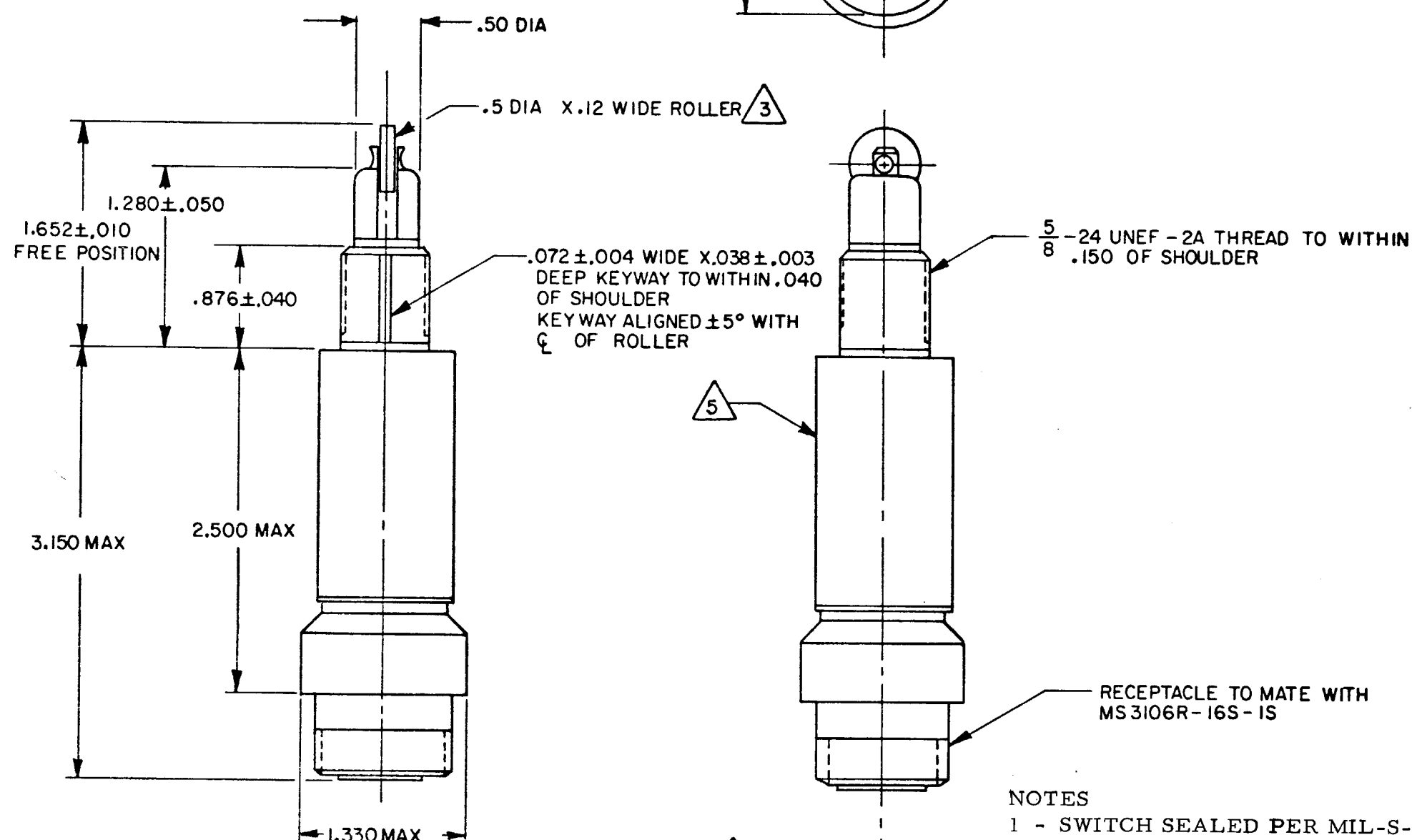
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- NOTES
- 1 - SWITCH SEALED PER MIL-S-8805 SYMBOL 3
  - 2 - ALL EXPOSED PARTS ARE CORROSION RESISTANT
  - 3 - ROLLER WILL ROTATE FREELY
  - 4 - UNIT WILL WITHSTAND CONTINUOUS TEMPERATURE OF +300°F
  - 5 - CATALOG LISTING, CIRCUIT DIAGRAM AND MICRO IDENTIFICATION PERMANENTLY MARKED ON SIDE OF SWITCH IN ACCORDANCE WITH DACO SPEC. 7958527
  - 6 - KEYWAY IN BUSHING AND POLARIZING KEY OF RECEPTACLE ARE ALIGNED
  - 7 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
  - 8 - PLUNGER SEAL MATERIAL - VITON A

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

CHARACTERISTICS

OPERATING FORCE — — — 3-6 LB MAX  
FULL OVERTRAVEL FORCE — — — 7 LB MAX  
RELEASE FORCE — — — 1 LB MIN  
PRETRAVEL — — — .040 MAX  
DIFFERENTIAL TRAVEL — — — .020 MAX  
OVERTRAVEL — — — .250 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT  
SEE CIRCUIT DIAGRAM

| LOAD  | 28 VDC    |            |
|-------|-----------|------------|
|       | SEA LEVEL | 50,000 FT. |
| RES   | 4         | 4          |
| IND   | 2         | 2          |
| MOTOR | 4         |            |

| TOLERANCES                                                                                  |       |              |       |
|---------------------------------------------------------------------------------------------|-------|--------------|-------|
| APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. (UNLESS NOTED, TOLERANCES ARE 2) |       |              |       |
| DIM.                                                                                        | IN    | MM           | IN    |
| NO PLACES                                                                                   | X     | 1/64         | X     |
| ONE PLACE                                                                                   | X,X   | 0.0015       | X,X   |
| TWO PLACES                                                                                  | X,XX  | 0.0005       | X,XX  |
| THREE PLACES AND ANGLES                                                                     | X,XXX | 0.0001       | X,XXX |
| SI METRIC                                                                                   |       | US CUSTOMARY |       |
| DESIGN UNITS                                                                                |       |              |       |
| MATERIAL: COMMERCIAL STANDARD                                                               |       |              |       |
| MIL-S-8805 SWITCH STANDARDS APPLY                                                           |       |              |       |
| DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED                             |       |              |       |
| WEIGHT 7 OZ MAX                                                                             |       |              |       |

FO-52851-A

DRAWN

S L B 10 JAN 79