

# **MICRO SWITCH**

FREEPORT, ILLINOIS, U.S.A.  
A DIVISION OF HONEYWELL

FED. MFG. CODE 91929

## **SWITCH - ENCLOSED**

CATALOG LISTING

**1EN254-RB**

CIRCUIT DIAGRAM

**1EN254-RB**

**M**

DRAWING  
NUMBER

ISSUE

11

11

11

CHECK

### REVISIONS

A CO44351  
PART 7

WJM  
11 APR 79

B CO70846

TSM  
16 AUG 91

C CO79633

JAK  
23 JAN 95

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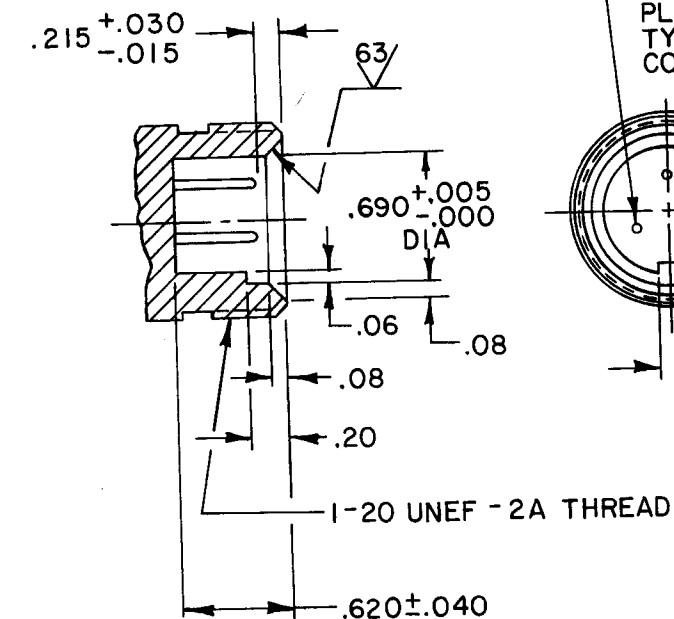
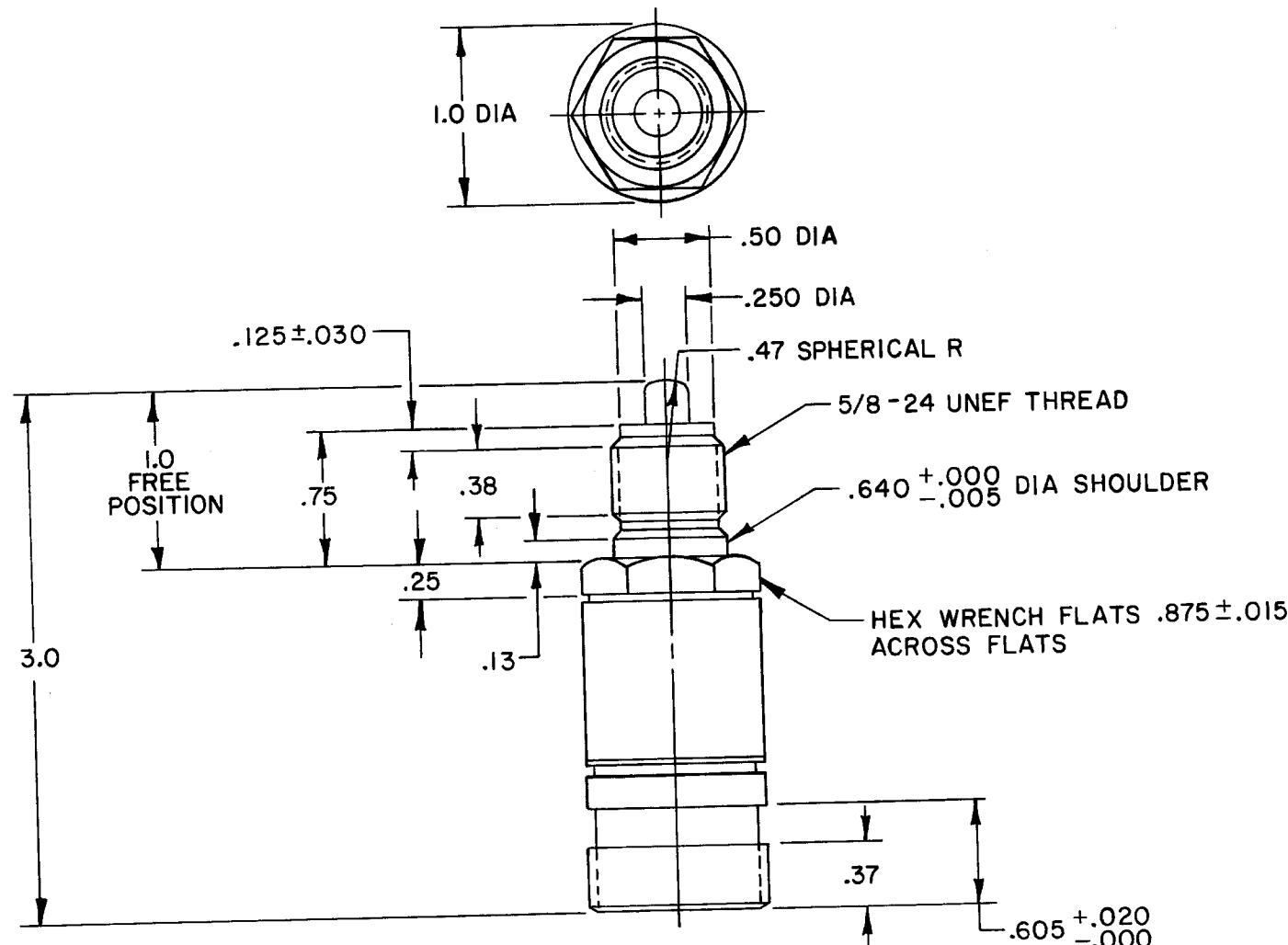
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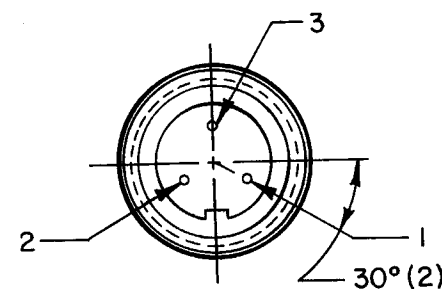
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(3) .061  $\pm .001$  DIA BRASS  
CONTACT COPPER-SILVER  
PLATED PER QQ-S-365,  
TYPE II, ON A .380  $\pm .005$  DIA  
CONTACT CIRCLE  $-.000$



### NOTES

- 1 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- 2 - CIRCUIT DIAGRAM, DATE CODE, CUST. PART NO., DESIGN ACTIVITY NO., SERIAL NO., FEDERAL MFG CODE NO., AND CATALOG LISTING 1EN254-RB PERMANENTLY MARKED ON SIDE OF HOUSING
- 3 - ALL EXPOSED PARTS MONEL
- 4 - CONNECTOR SECTION TO MATE WITH BUWEPs DWG 2489772 CONN. 1

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

#### TOLERANCES

APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE  $\pm$

| DIM.         | TOL.    | DIM.      | TOL.    |
|--------------|---------|-----------|---------|
| mm           | mm/in   | in        | mm/in   |
| NO PLACES    | X       | 1/04      | X       |
| ONE PLACE    | X,X     | 0.47/016  | X,X     |
| TWO PLACES   | X,X,X   | 0.157/006 | X,X,X   |
| THREE PLACES | X,X,X,X |           | X,X,X,X |
| ANGLES       |         |           |         |

DESIGN UNITS ☐ SI METRIC ☒ US CUSTOMARY

RAW MATERIAL—COMMERCIAL STANDARD

MICRO SWITCH STANDARDS APPLY

DIMENSIONS ARE TO BE MET BEFORE

PROTECTIVE COATINGS ARE APPLIED

WEIGHT 5.0 OZ MAX

### CHARACTERISTICS

OPERATING FORCE ----- 6-12 LB  
FULL OVERTRAVEL FORCE ----- 30 LB MAX  
RELEASE FORCE ----- 4 LB MIN  
PRETRAVEL ----- .040 MAX  
DIFFERENTIAL TRAVEL ----- .020 MAX  
OVERTRAVEL ----- .140 MIN

### ELECTRICAL DATA

CONTACT ARRANGEMENT  
S P D T

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