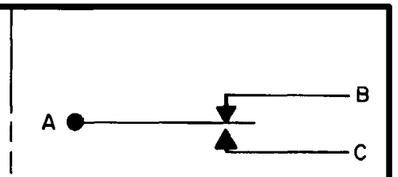
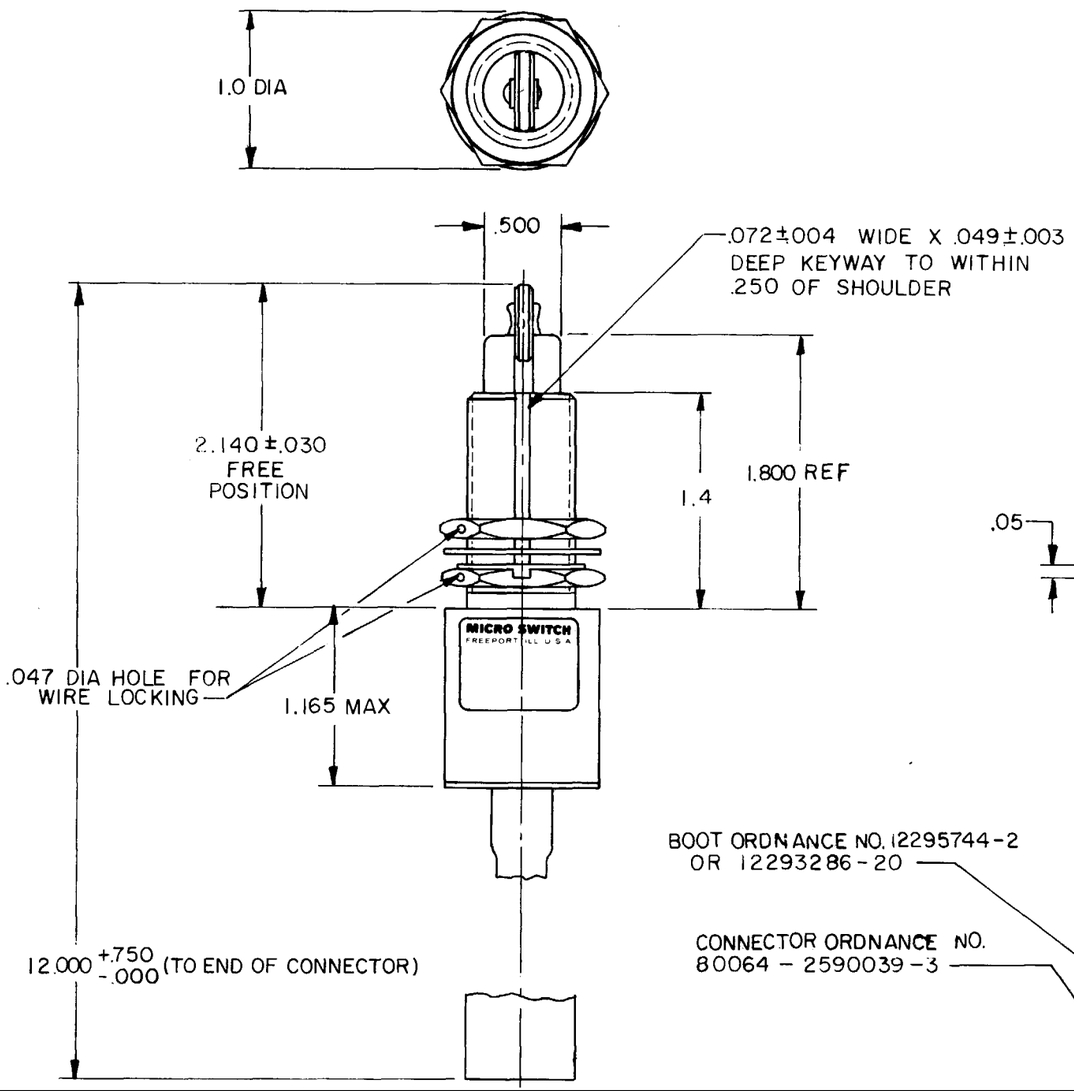
**MICRO SWITCH**
FREEPORT, ILLINOIS U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

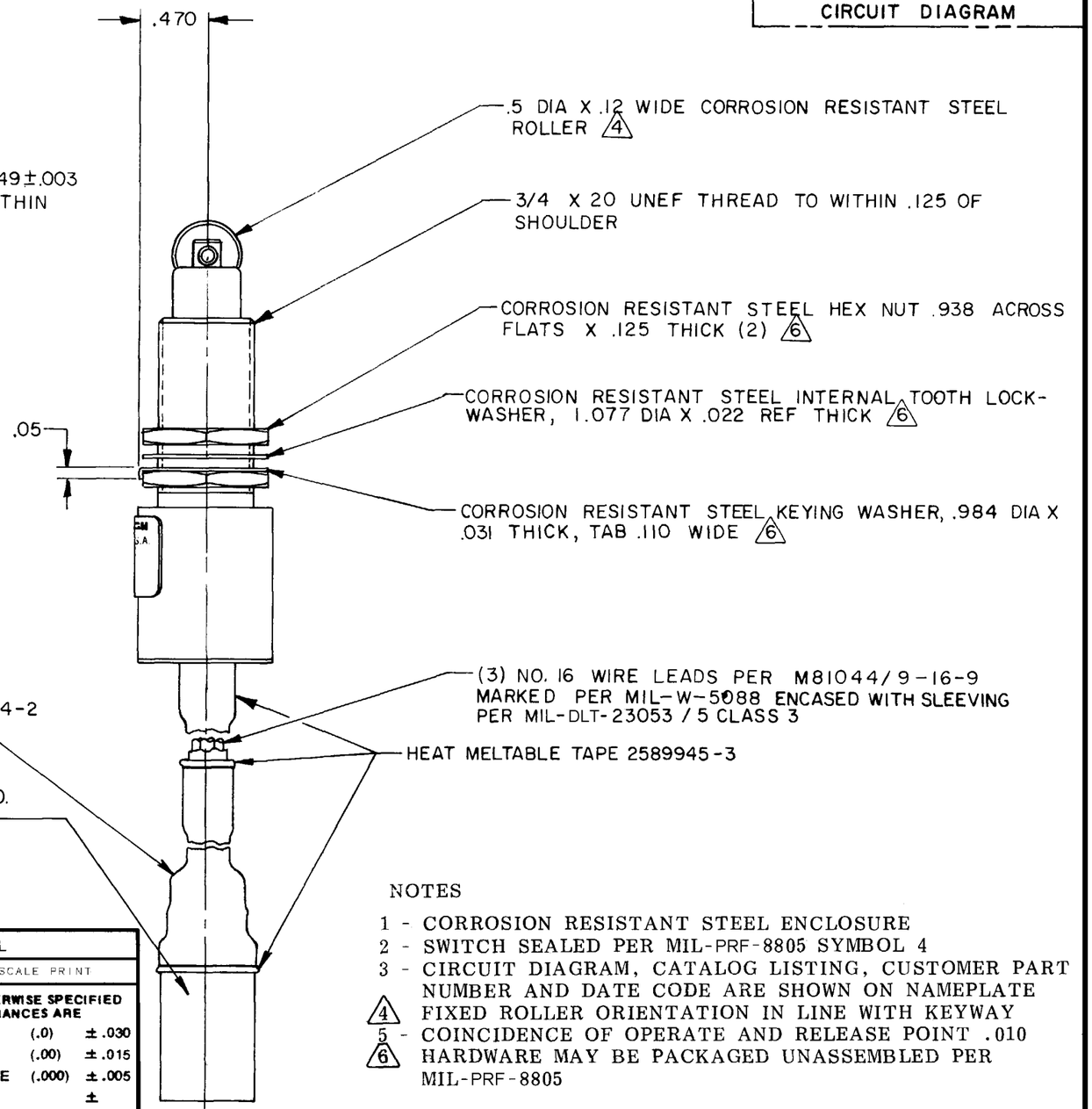
# SWITCH – ENCLOSED

CATALOG LISTING
**21EN380**
U.S. ARMY DRAWING
19207 - 12307598




CIRCUIT DIAGRAM




NOTES

1 - CORROSION RESISTANT STEEL ENCLOSURE
2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
3 - CIRCUIT DIAGRAM, CATALOG LISTING, CUSTOMER PART NUMBER AND DATE CODE ARE SHOWN ON NAMEPLATE
4 - FIXED ROLLER ORIENTATION IN LINE WITH KEYWAY
5 - COINCIDENCE OF OPERATE AND RELEASE POINT .010
6 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-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

| 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 | .250 MIN |

ELECTRICAL DATA

CONTACT ARRANGEMENT: S P D T

| LOAD | 28 VDC | |
|---|---|---|
| | SEA LEVEL | 50,000 FT |
| RES | 7 | 4 |
| IND | 4 | 2.5 |
| MOTOR | 4 | |
| LAMP | | |

SCALE FULL
DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

| | | |
|---|---|---|
| ONE PLACE | (.0) | ±.030 |
| TWO PLACE | (.00) | ±.015 |
| THREE PLACE | (.000) | ±.005 |
| ANGLES | | ± |

THIRD ANGLE PROJECTION

WEIGHT 13.0 OZ MAX

| ISSUE | DRAWING NUMBER | RELEASE NO. | REPLACES |
|---|---|---|---|
| | M 21EN380 | PR-14083 | |

| REVISIONS | | | | |
|---|---|---|---|---|
| A | PR 14083 | G J W 16 AUG 85 | 23 AUG 85 | CHECK |
| B | C061816 | TPS 20 AUG 87 | | |
| C | C069942 | D A W 12 APR 91 | T R F | |
| D | C071860 | L J F 31 JAN 92 | CHECK | |
| E | C073213 | T S M 11 SEP 92 | 23 AUG 85 | |
| F | 203632 | JLH 16 AUG 01 | | |

DRAWN GJW 16 AUG 85 CHECK KAG 23 AUG 85

FO-92851-1B