

MICRO SWITCH

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

FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
404EN64-6

404EN64-6

M

DRAWING
NUMBER

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

0

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0

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0

0

0

0

0

0

0

0

0

RELEASE NO

PR-2029

CHECK

18JAN08

BLR

18JAN08

18JAN08

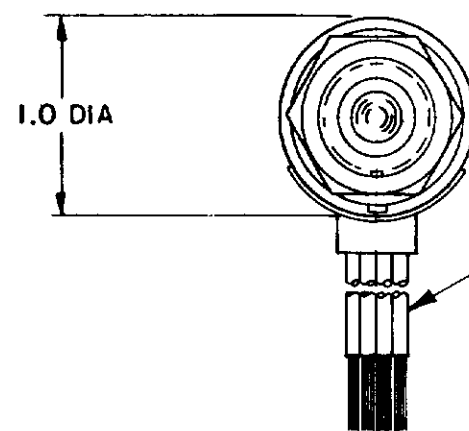
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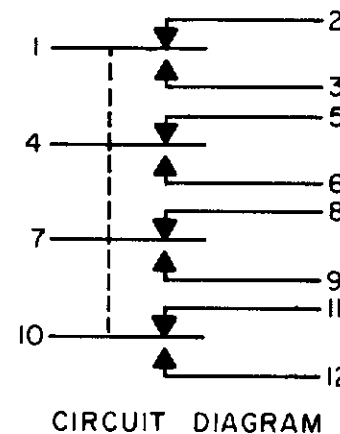
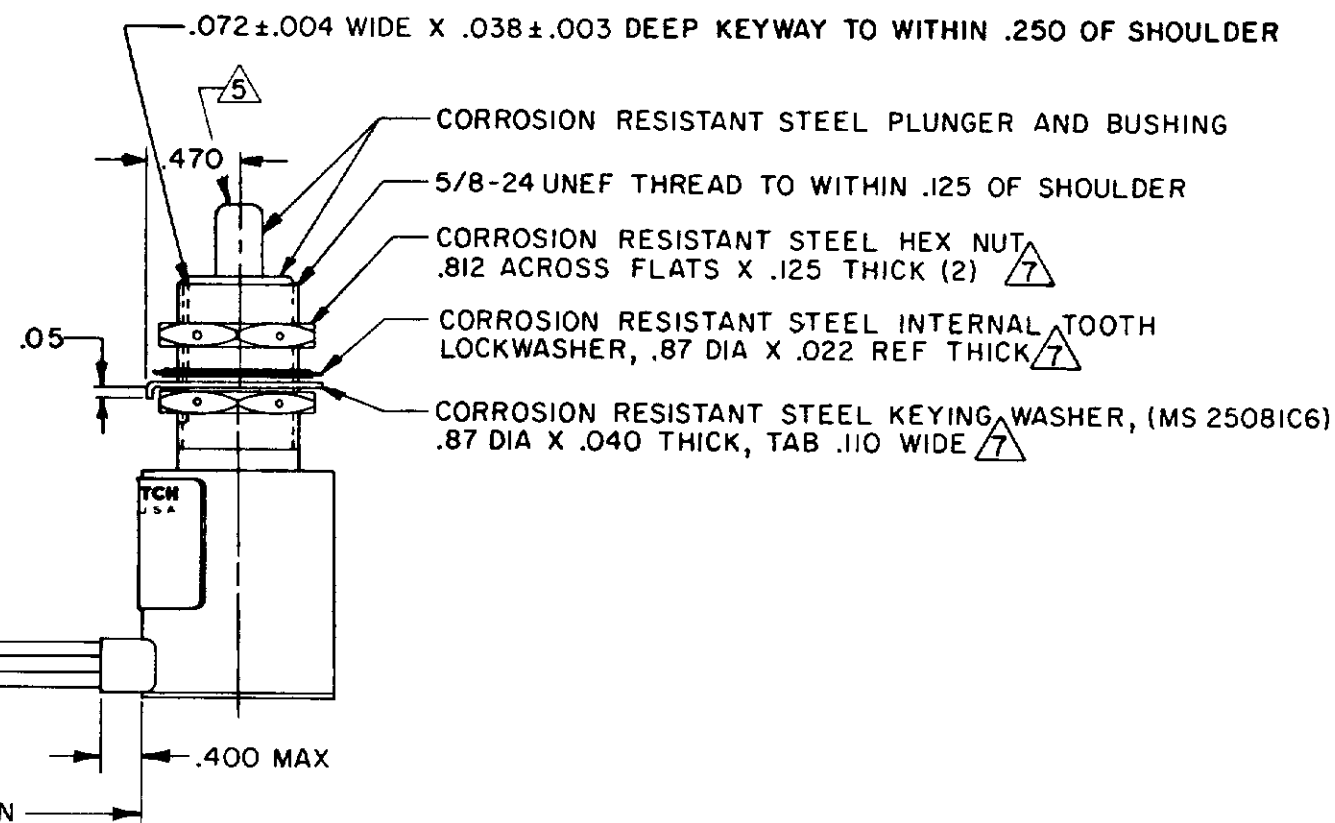
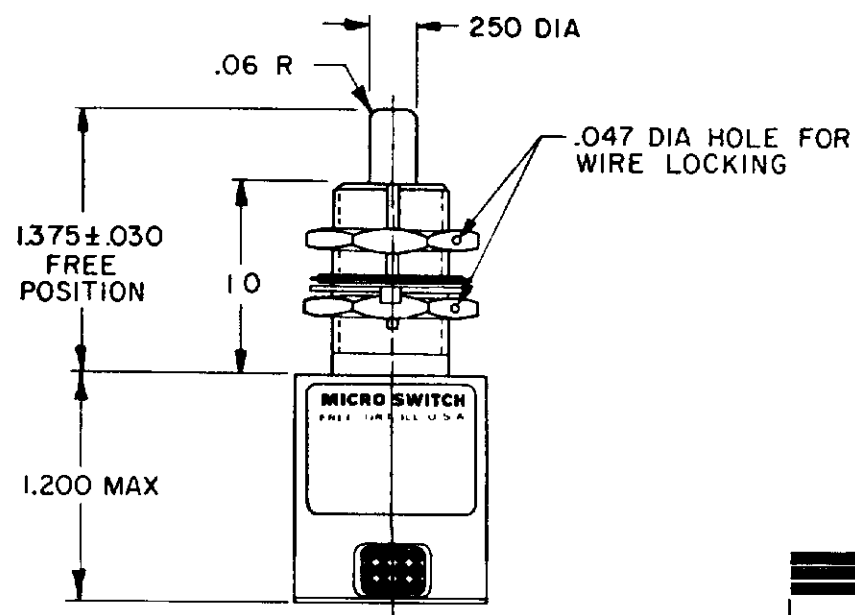
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NO. 20 WIRE LEAD PER MIL-W-81044/9
MARKED WITH CIRCUIT IDENTIFICATION
AND WIRE GAGE (1-20, 2-20, ETC) PER
MIL-W-5088 (12)

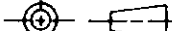


NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- 3 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
- 4 - COINCIDENCE OF OPERATING AND RELEASING POINTS .010 OF PLUNGER TRAVEL
- 5 - EXTERNAL PLUNGER THROUGH HARDENED 37 ROCKWELL C MIN
- 6 - BASIC SWITCHES HAVE SOLID GOLD CONTACT MATERIAL
- 7 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

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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:

DIM	TOL	DIM	TOL
mm	in	mm	in
1/16	0.004	1/16	0.004
1/8	0.005	1/8	0.005
1/4	0.006	1/4	0.006
3/8	0.008	3/8	0.008
1/2	0.010	1/2	0.010
3/4	0.012	3/4	0.012
1	0.015	1	0.015

DESIGN UNITS: SI METRIC ☐ US CUSTOMARY ☒

PAS MATERIAL-COMMERCIAL STANDARD
MICRO SWITCH STANDARDS APPLY
DIMENSIONS ARE TO BE MET BEFORE
PROTECTIVE COATINGS ARE APPLIED

WEIGHT 8.8 OZ MAX

CHARACTERISTICS	ELECTRICAL DATA
OPERATING FORCE ----- 9 LB MAX	CONTACT ARRANGEMENT S P D T (4)
FULL OVERTRAVEL FORCE ----- 30 LB MAX	
RELEASE FORCE ----- 3 LB MIN	
PRETRAVEL ----- .040 MAX	
DIFFERENTIAL TRAVEL ----- .020 MAX	
OVERTRAVEL ----- .250 MIN	

LOAD	28 VDC
SEA LEVEL	50,000 FT.
RES	1
IND	0.5