

MICRO SWITCH

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

FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
21EN314-6

21EN314-6

M

DRAWING NUMBER

ISSUE

B

ISSUE

B

ISSUE

B

REVISIONS

A

C E B

25 OCT 79

B

20 47573

PART 4

R J H

12 AUG 80

C

C057370

J A P

15 MAY 85

D

C074101

G J W

23 JAN 93

E

177508B

S A D

13 MAY 94

FO-82851-A

DRAWN

C E B

25 OCT 79

REPLACES

PR-2598

CHECK

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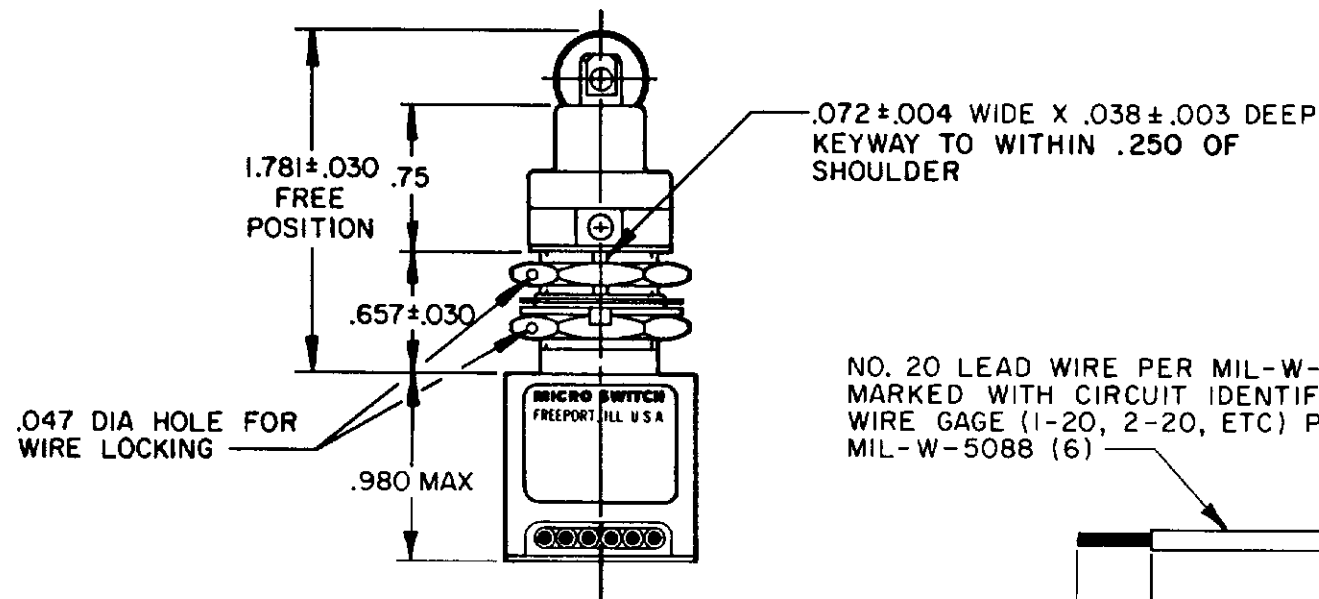
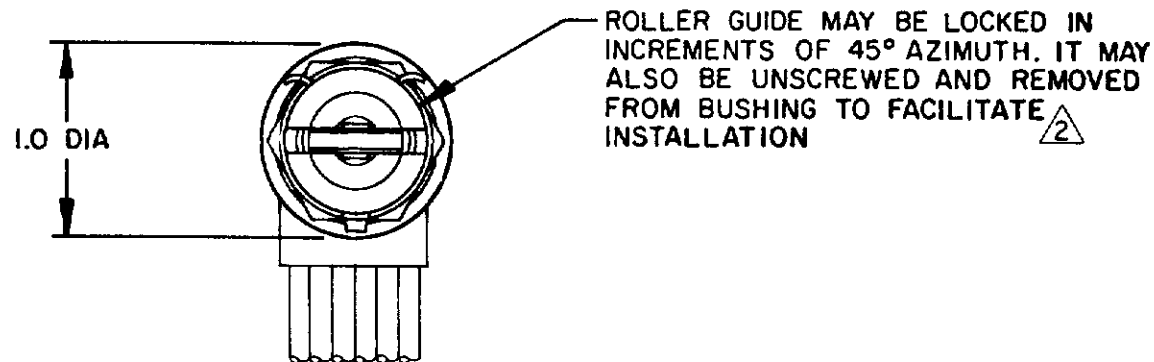
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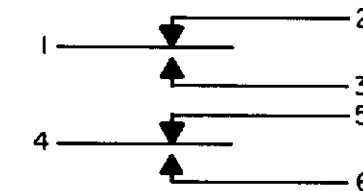
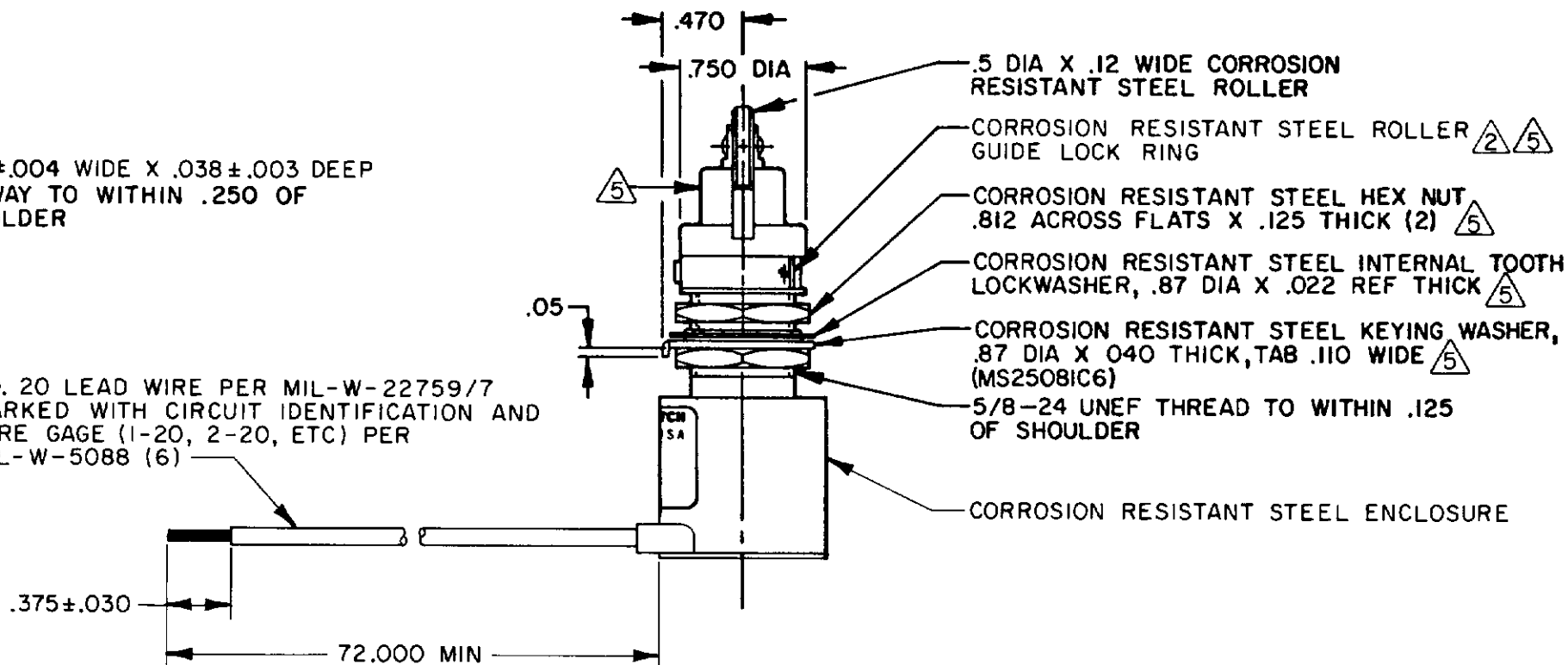
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.072±.004 WIDE X .038±.003 DEEP KEYWAY TO WITHIN .250 OF SHOULDER

NO. 20 LEAD WIRE PER MIL-W-22759/7 MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (1-20, 2-20, ETC) PER MIL-W-5088 (6)



CIRCUIT DIAGRAM

NOTES

- 1 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- 2 - 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
- 3 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- 4 - CIRCUIT DIAGRAM, CATALOG LISTING AND CUSTOMER IDENTIFICATION NUMBER ARE SHOWN ON NAMEPLATE
- 5 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

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		
SPDT (2)		
28 VDC		
LOAD	SEA LEVEL	50,000 FT.
RES	4	4
IND	2	2
MOTOR	4	
LAMP		

TOLERANCES			
APPLY TO DESIGN UNITS CONVERSIONS ARE ONLY FOR REFERENCE UNLESS NOTED TOLERANCES ARE 2			
DIM.	TOL.	DIM.	TOL.
IN	MILS	IN	MILS
NO PLACES	±	17.04	±
ONE PLACE	±	0.010	±
TWO PLACES	±, ±	0.005	±
THREE PLACES	±, ±, ±	0.0025	±
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 6.7 OZ MAX