

MICRO SWITCH

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

FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING
22HR29-12

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M

DRAWING
NUMBER

ISSUE

14

REPLACES

RELEASE NO. PR-8638

CHECK

REVISIONS

A	PR-8638
D J W	22 APR 80
B	C047573
TSM	17 JULY 80
C	C047277
J A P	9 JAN 81

CHECK

23 APR 80

CHECK

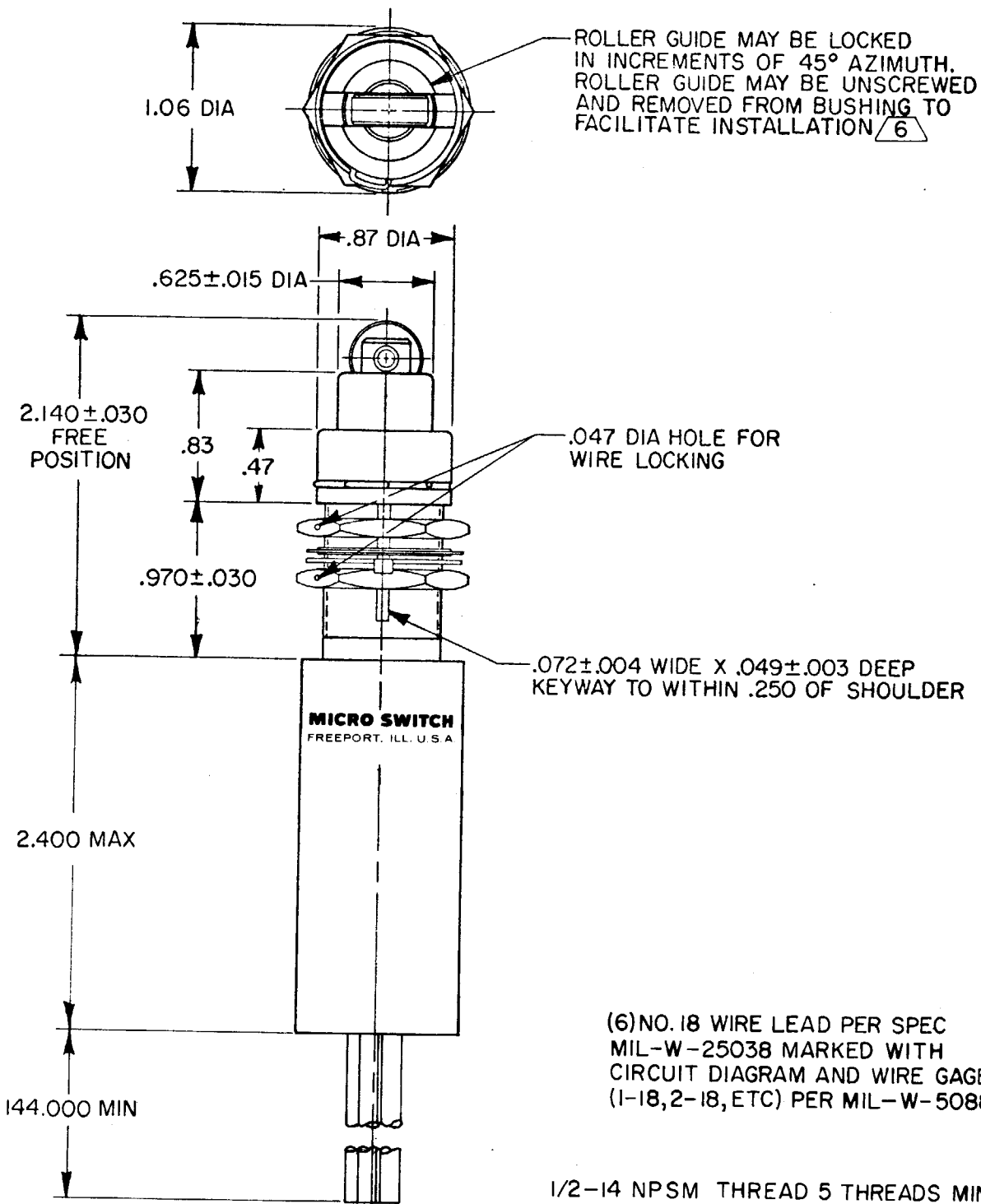
80

22 APR

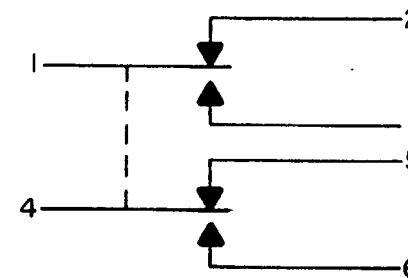
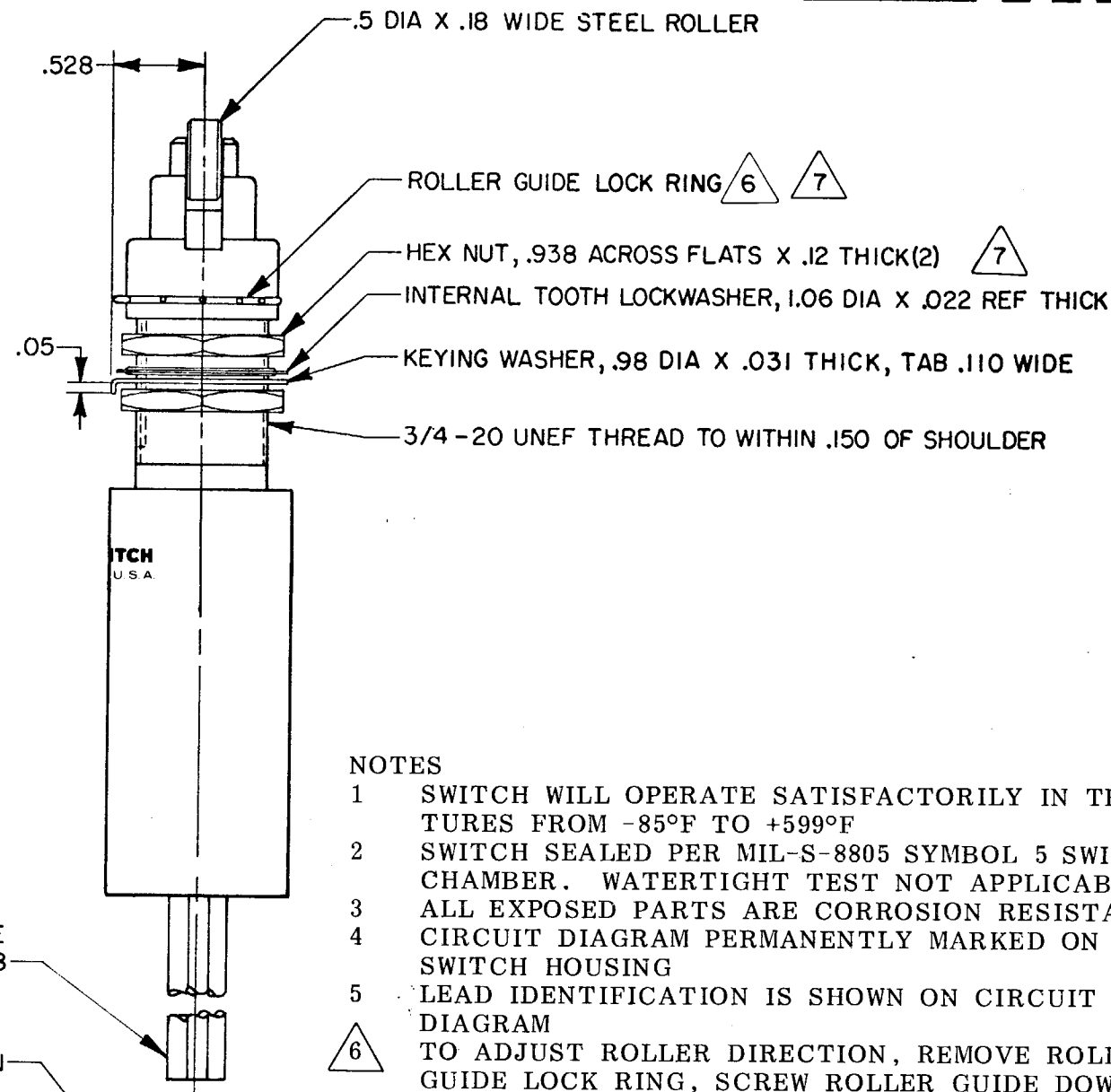
D J W

FO-52851-A

DRAWN



(6) NO. 18 WIRE LEAD PER SPEC MIL-W-25038 MARKED WITH CIRCUIT DIAGRAM AND WIRE GAGE (1-18, 2-18, ETC) PER MIL-W-5088



CIRCUIT DIAGRAM

NOTES

- SWITCH WILL OPERATE SATISFACTORILY IN TEMPERATURES FROM -85°F TO +599°F
- SWITCH SEALED PER MIL-S-8805 SYMBOL 5 SWITCH CHAMBER. WATERTIGHT TEST NOT APPLICABLE
- ALL EXPOSED PARTS ARE CORROSION RESISTANT
- CIRCUIT DIAGRAM PERMANENTLY MARKED ON SWITCH HOUSING
- LEAD IDENTIFICATION IS SHOWN ON CIRCUIT DIAGRAM
- 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
- HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805
- COINCIDENCE OF OPERATING AND RELEASING POINTS .005 INCH OF PLUNGER TRAVEL

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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	mm/in	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	X, XXX	0.0001	X, XXX

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 15.7 OZ MAX

CHARACTERISTICS

OPERATING FORCE	6-12 LB
FULL OVERTRAVEL FORCE	35 LB MAX
RELEASE FORCE	5 LB MIN
PRETRAVEL	.050 MAX
DIFFERENTIAL TRAVEL	.015 MAX
OVERTRAVEL	.250 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT SPDT (2)		
LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	5	
IND	2	
MOTOR		