

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

SWITCH - ENCLOSED

CATALOG LISTING
21EN9-12

21EN9-12

M

DRAWING
NUMBER

13

ISSUE

13

13

REVISIONS

A	CO	44351	G J W	12 SEP 79
B	PR	8705	W J M	28 APR 80
C	CO	47573	R J H	7 AUG 80
D	CO	51725C	KAG	19 JAN 83
E	CO	57370	J A P	15 MAY 85
F	CO	74101	G J W	16 JAN 93
G	CO	77504A	L J F	12 MAR 94
H		0061116	MBH	04 FEB 10

04 FEB 10

04 FEB 10

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REPLACES

PR-8705

CHECK

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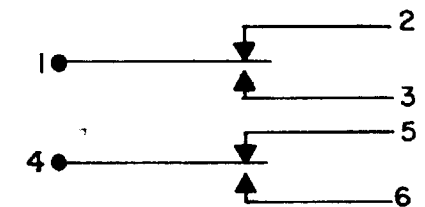
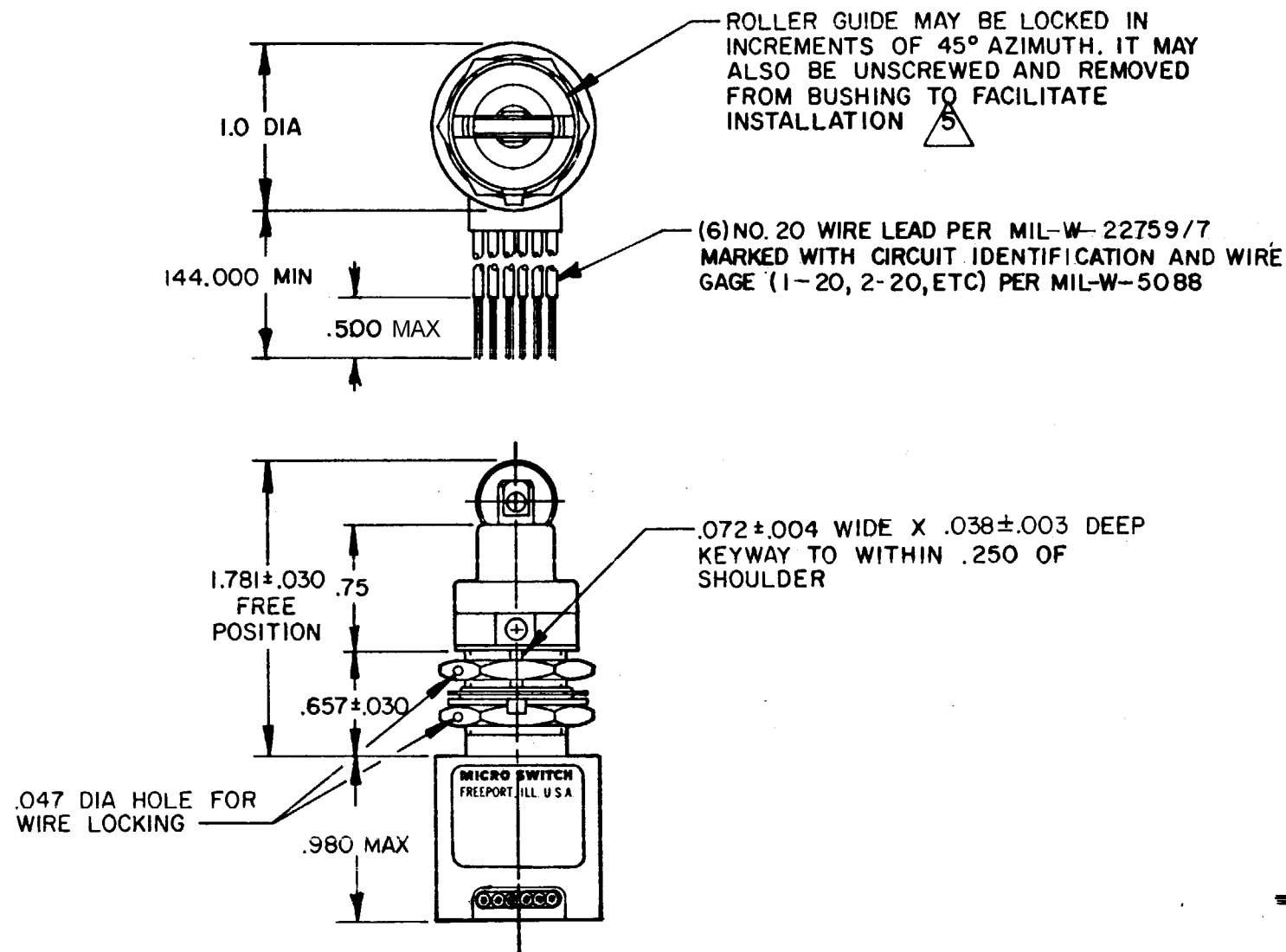
CHECK

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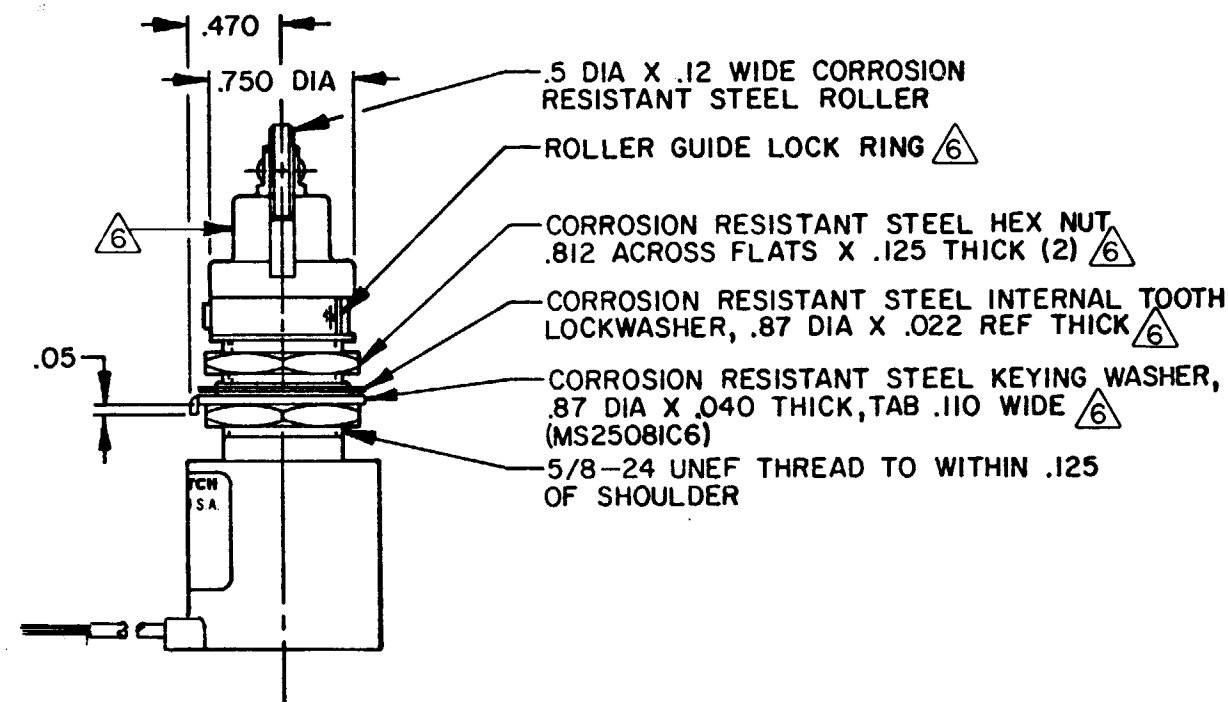
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CIRCUIT DIAGRAM

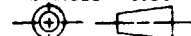


NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- 3 - CIRCUIT IDENTIFICATION AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
- 4 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- 5 - 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
- 6 - 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	mm/in	in	mm/in
NO PLACES	X	1/04	X
ONE PLACE	X, X	0.41/018	X, X
TWO PLACES	X, XX	0.151/008	X, XX
THREE PLACES	X, XXX	0.381/015	X, XXX
ANGLES		0.131/005	

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 11.5 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	.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		