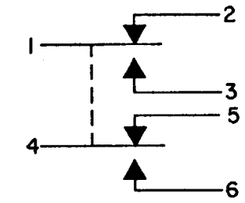
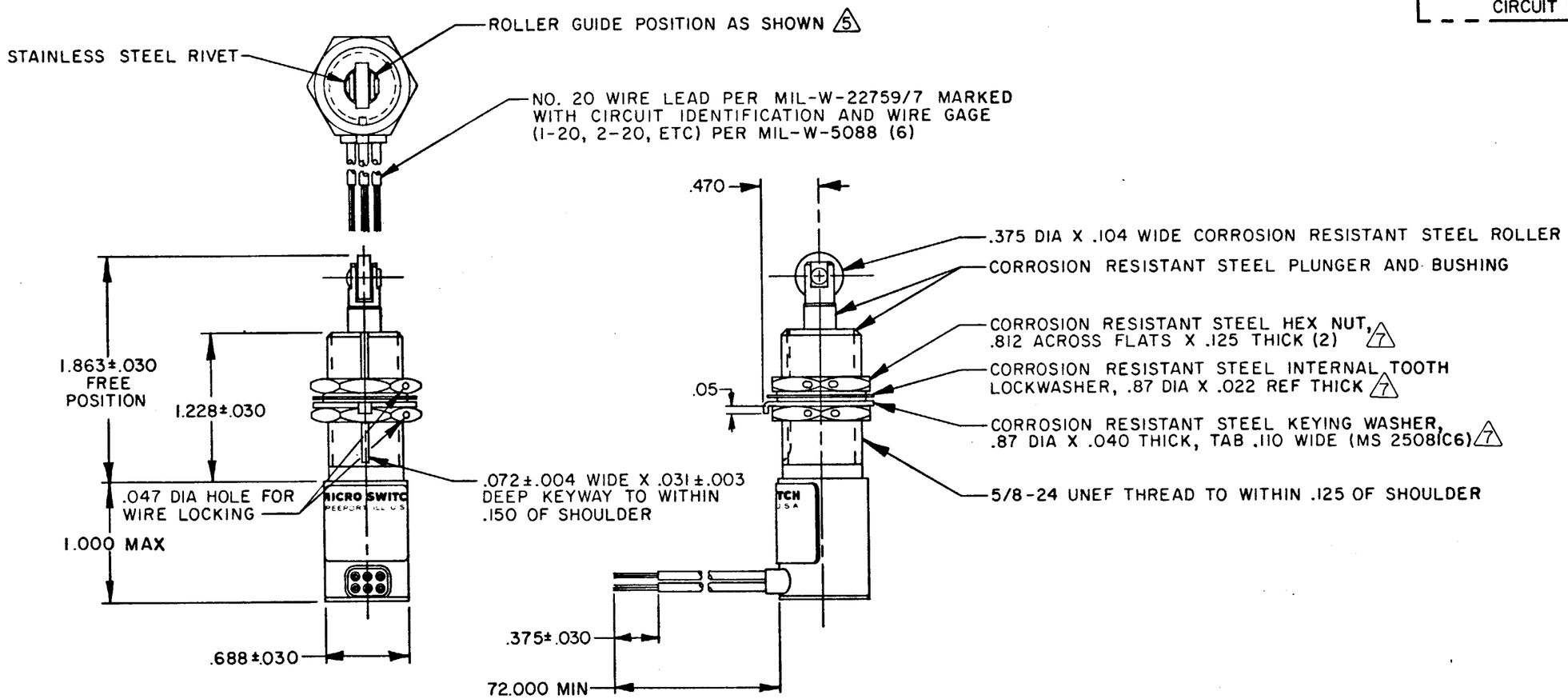
MICRO SWITCH
FREEPORT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 81929

SWITCH - ENCLOSED

CATALOG LISTING
422EN17 - 6



CIRCUIT DIAGRAM



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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 (2)

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

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

	DIM. mm	TOL. mm/in	DIM. in	TOL. mm/in
NO PLACES	X	1/.04		
ONE PLACE	X.X	0.4/.016	X.X	0.8/.03
TWO PLACES	X.XX	0.15/.006	X.XX	0.38/.015
THREE PLACES			X.XXX	0.13/.005
ANGLES				

DESIGN UNITS SI METRIC ☐ US CUSTOMARY ☒

THIRD ANGLE PROJECTION

WEIGHT 9.0 OZ MAX

NOTES
1 - CORROSION RESISTANT STEEL ENCLOSURE
2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
3 - CIRCUIT DIAGRAM AND CAT. LIST. ARE SHOWN ON NAMEPLATE
4 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
5 - POSITION OF ROLLER IS NON ADJUSTABLE
6 - NOTED ELECTRICAL RATINGS APPLY AS SPECIFIED IN MIL-S-8805/39 UP TO 185°F
7 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

DRAWING NUMBER	M 422EN17-6
ISSUE	5
RELEASE NO.	PR-5167-T
REPLACES	
DRAWN	S L B 19 FEB 80
CHECK	C E B 21 FEB 80
CHECK	
CHECK	

REVISIONS

A	CO 44351	S L B 19 FEB 80
B	CO47573 PART 4	R J H 18 AUG 80
C	CO57370	J A P 14 MAY 85

FO-62851-B