

DRAWING NUMBER
66AT300 SERIES CHART 1
PAGE 1 OF 1
ISSUE
11
RELEASE NO. PR-8319
CHECK
27SEP04
AK
19 DEC 79
DLT
29 APR 02
KR
27SEP04
DRAWN
R J H
14 DEC 79
FO-52851-A

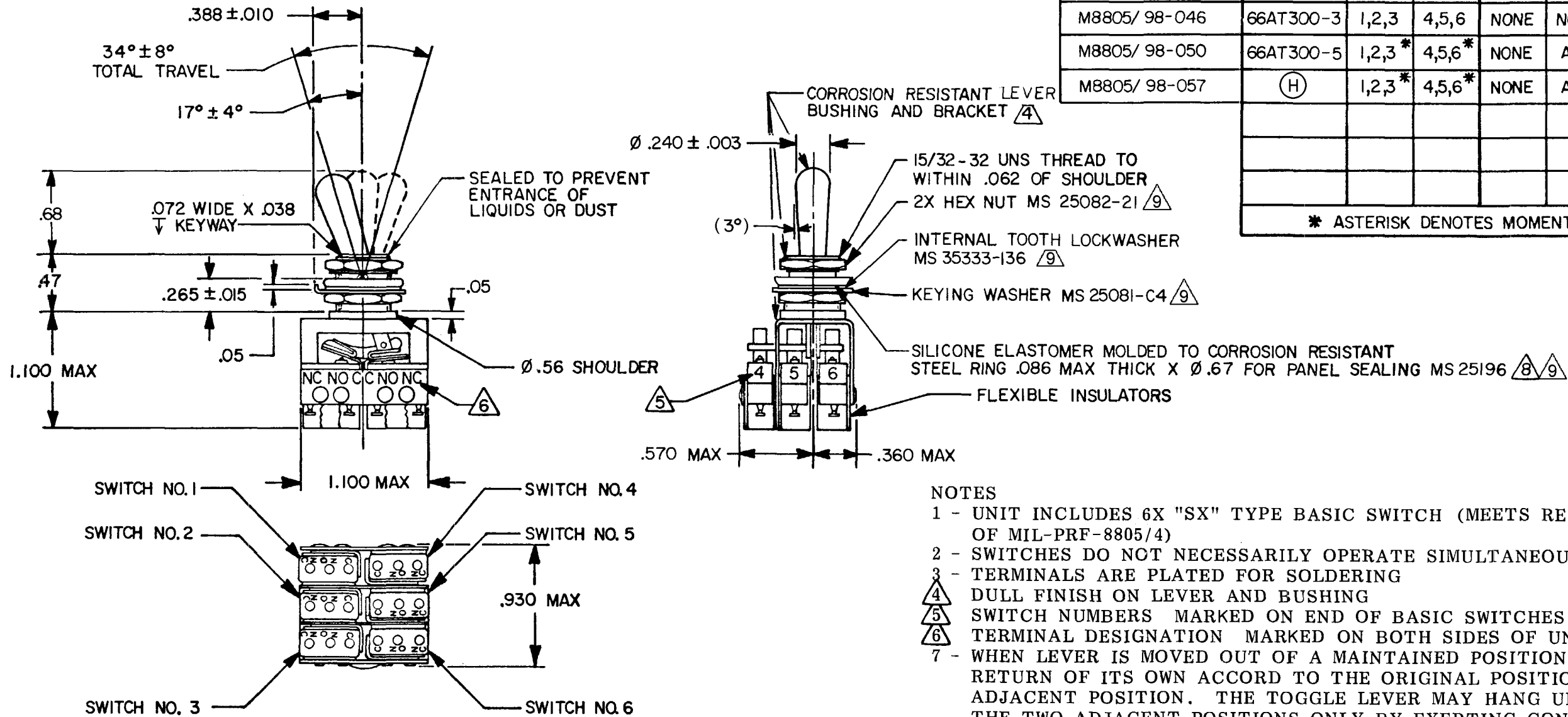
MICRO SWITCH
FREEPORT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

**ASSEMBLY-
TOGGLE SWITCH**

CATALOG LISTING
66AT300 SERIES
CHART 1

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MILITARY PART NUMBER	CATALOG LISTING	KEYWAY POSITION		CENTER POSITION		OPPOSITE KEYWAY POSITION	
		C-NC	C-NO	C-NO	C-NC	C-NC	C-NO
M8805/ 98-032	66AT300-1	1,2,3	4,5,6	NONE	ALL	4,5,6	1,2,3
M8805/ 98-046	66AT300-3	1,2,3	4,5,6	NONE	NONE	4,5,6	1,2,3
M8805/ 98-050	66AT300-5	1,2,3*	4,5,6*	NONE	ALL	4,5,6	1,2,3
M8805/ 98-057	(H)	1,2,3*	4,5,6*	NONE	ALL	4,5,6*	1,2,3*
* ASTERISK DENOTES MOMENTARY POSITION							



NOTES

- 1 - UNIT INCLUDES 6X "SX" TYPE BASIC SWITCH (MEETS REQUIREMENTS OF MIL-PRF-8805/4)
- 2 - SWITCHES DO NOT NECESSARILY OPERATE SIMULTANEOUSLY
- 3 - TERMINALS ARE PLATED FOR SOLDERING
- 4 - DULL FINISH ON LEVER AND BUSHING
- 5 - SWITCH NUMBERS MARKED ON END OF BASIC SWITCHES
- 6 - TERMINAL DESIGNATION MARKED ON BOTH SIDES OF UNIT
- 7 - WHEN LEVER IS MOVED OUT OF A MAINTAINED POSITION, IT WILL RETURN OF ITS OWN ACCORD TO THE ORIGINAL POSITION OF THE ADJACENT POSITION. THE TOGGLE LEVER MAY HANG UP BETWEEN THE TWO ADJACENT POSITIONS ONLY BY EXERTING CONSIDERABLE EFFORT
- 8 - FOR PANEL SEAL TO BE EFFECTIVE MOUNTING HOLE IN PANEL SHOULD NOT EXCEED Ø.500
- 9 - HARDWARE FURNISHED ASSEMBLED WITH SWITCH OR IN PACKET PER MIL-PRF-8805
- 10 - REPLACEMENT MOUNTING HARDWARE PACKET 15PA314-AT

ANSI Y14.5M-1982 APPLIES

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

CHARACTERISTICS

ELECTRICAL DATA

OPERATING FORCE

FORCE TO MOVE LEVER FROM ONE POSITION TO ANY ADJACENT POSITION
1-5 LB APPLIED
.125±.030 BELOW TOP OF LEVER

CONTACT ARRANGEMENT
S P D T (6)

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	1/64	X	0.01/03
ONE PLACE	X,X	0.4/016	X,X	0.38/015
TWO PLACES	X,X,X	0.15/006	X,X,X	0.38/015
THREE PLACES	X,X,X,X		X,X,X,X	0.13/005
ANGLES				

DESIGN UNITS

SIMETRIC

US CUSTOMARY

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

WEIGHT .08 LB EST

ELECTRICAL RATINGS

LOAD	SEA LEVEL		50,000 FT
	28 Vdc (AMPERES)	115 Vac, 60 Hz (AMPERES)	28 Vdc (AMPERES)
RESISTIVE	7	7	4
INDUCTIVE	4	7	2.5