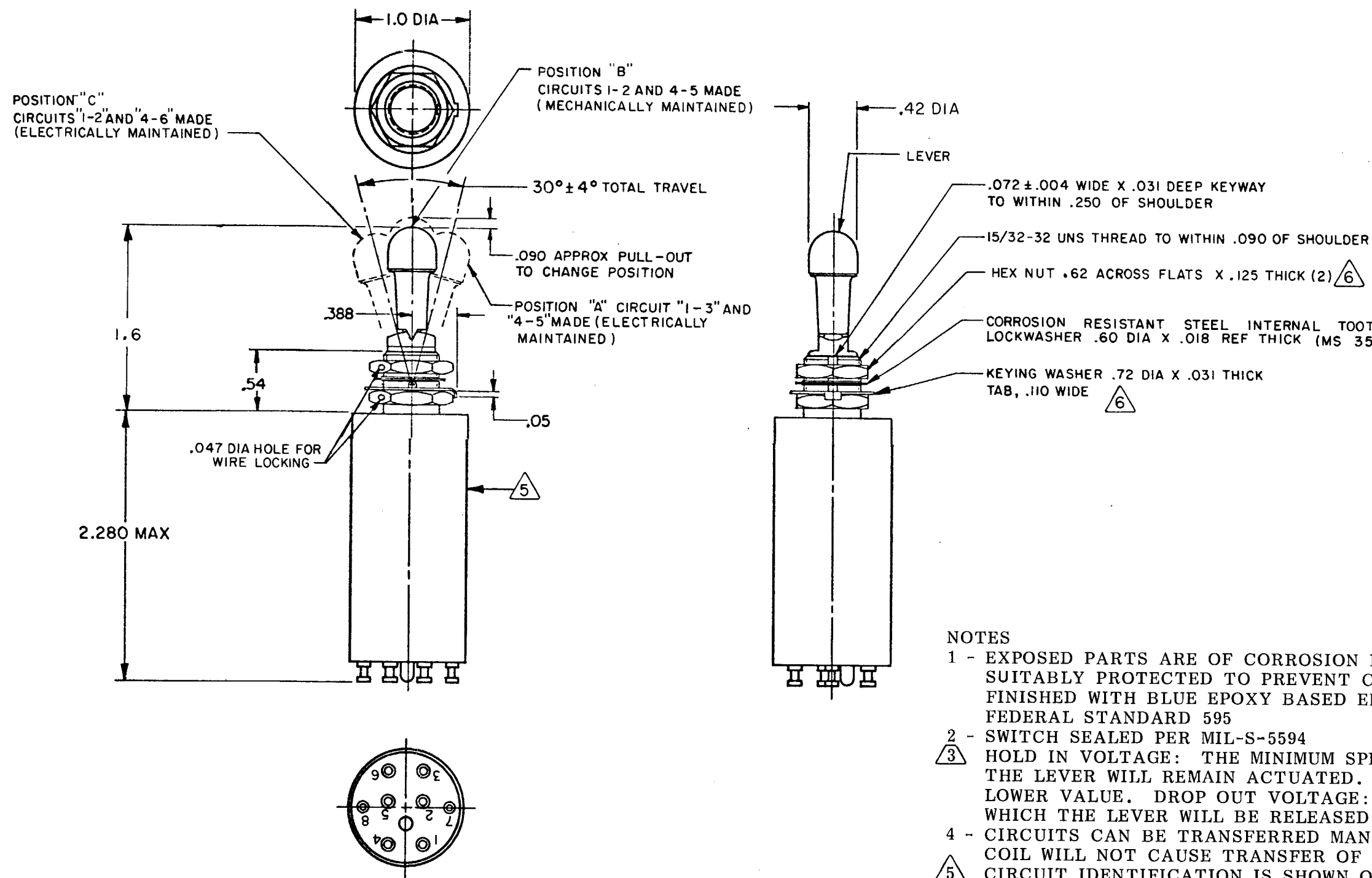
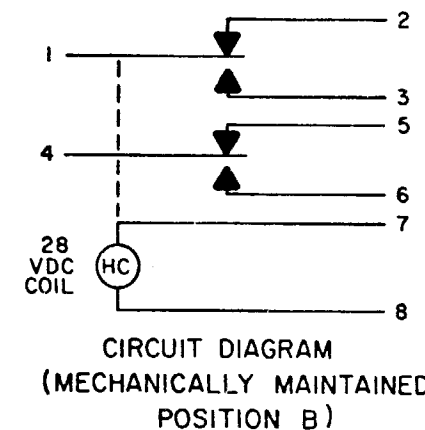


**MICRO SWITCH**  
FREEPORT, ILLINOIS, U.S.A.  
A DIVISION OF HONEYWELL  
FED. MFG. CODE 91929

# SWITCH-TOGGLE (MAGNETIC HOLD-IN)

CATALOG LISTING  
**27ET61-T-E**  
MILITARY STANDARD PART NO  
M 5594/6-1E



## NOTES

- 1 - EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIAL OR ARE SUITABLY PROTECTED TO PREVENT CORROSION. ENCLOSURE FINISHED WITH BLUE EPOXY BASED ENAMEL COLOR NO. 25184 PER FEDERAL STANDARD 595
- 2 - SWITCH SEALED PER MIL-S-5594
- 3 - HOLD IN VOLTAGE: THE MINIMUM SPECIFIED VOLTAGE AT WHICH THE LEVER WILL REMAIN ACTUATED. HOLD IN MAY OCCUR AT A LOWER VALUE. DROP OUT VOLTAGE: THE VOLTAGE RANGE IN WHICH THE LEVER WILL BE RELEASED
- 4 - CIRCUITS CAN BE TRANSFERRED MANUALLY. ENERGIZING THE COIL WILL NOT CAUSE TRANSFER OF CIRCUITS
- 5 - CIRCUIT IDENTIFICATION IS SHOWN ON SWITCH
- 6 - HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL-S-5594

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

### CHARACTERISTICS

SOLENOID RATING AT 20°C  
STEADY STATE LIMITS - - - - 20-29 VDC  
HOLD-IN - - - - - 15 VDC  
DROP OUT - - - - - 0-15 VDC  
OPERATING FORCE - - - - - 7 LBS MAX  
OVERRIDE FORCE AT 29 VDC - - - 10 LBS MAX  
COIL RESISTANCE - - - - - 220 OHM MIN

### ELECTRICAL DATA

CONTACT ARRANGEMENT  
SPDT (2)

### VOLTAGE

28 VOLTS DC

### RATING IN AMPERES

SEA LEVEL

65,000 FT

RES IND MOTOR

7 2 5 15

### 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	0.4/0.8	X, X
TWO PLACES	X, XX	0.15/0.06	X, XX
THREE PLACES	X, XXX	0.13/0.05	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 6.0 OZ MAX

27ET61-T-E

DRAWING  
NUMBER

ISSUE

84

### REVISIONS

A	CO	50162
5	WJM	OCT 81
B	CO	53400
15	WJM	JUL 83
C	CO	54089
8	JAP	DEC 83

CHECK

CHECK

CHECK

CHECK

CHECK

CHECK

CHECK

CHECK

CHECK

FO-32851-A

DRAWN

S L B

16 NOV 78