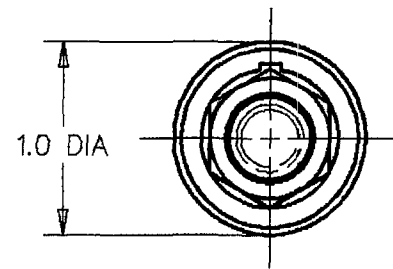


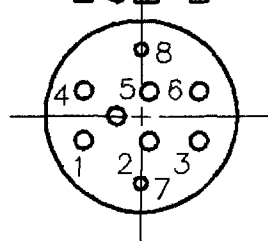
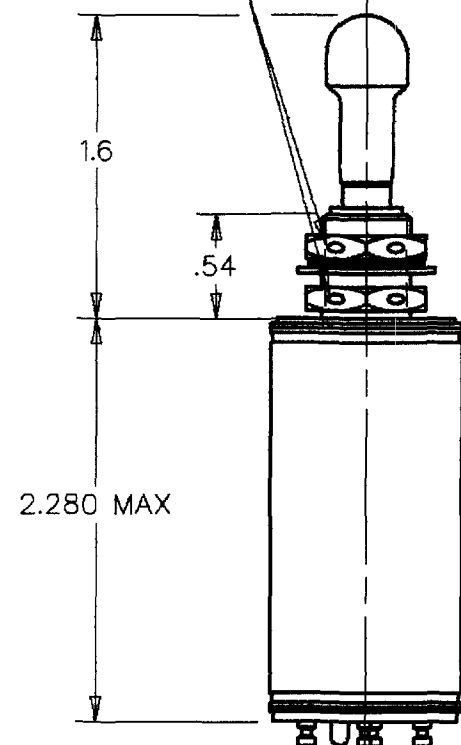
MICRO SWITCH
FREEPORT, ILLINOIS, U. S. A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

**SWITCH - TOGGLE
(MAGNETIC HOLD-IN)**

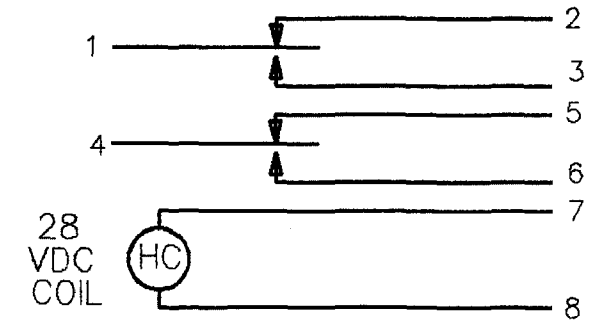
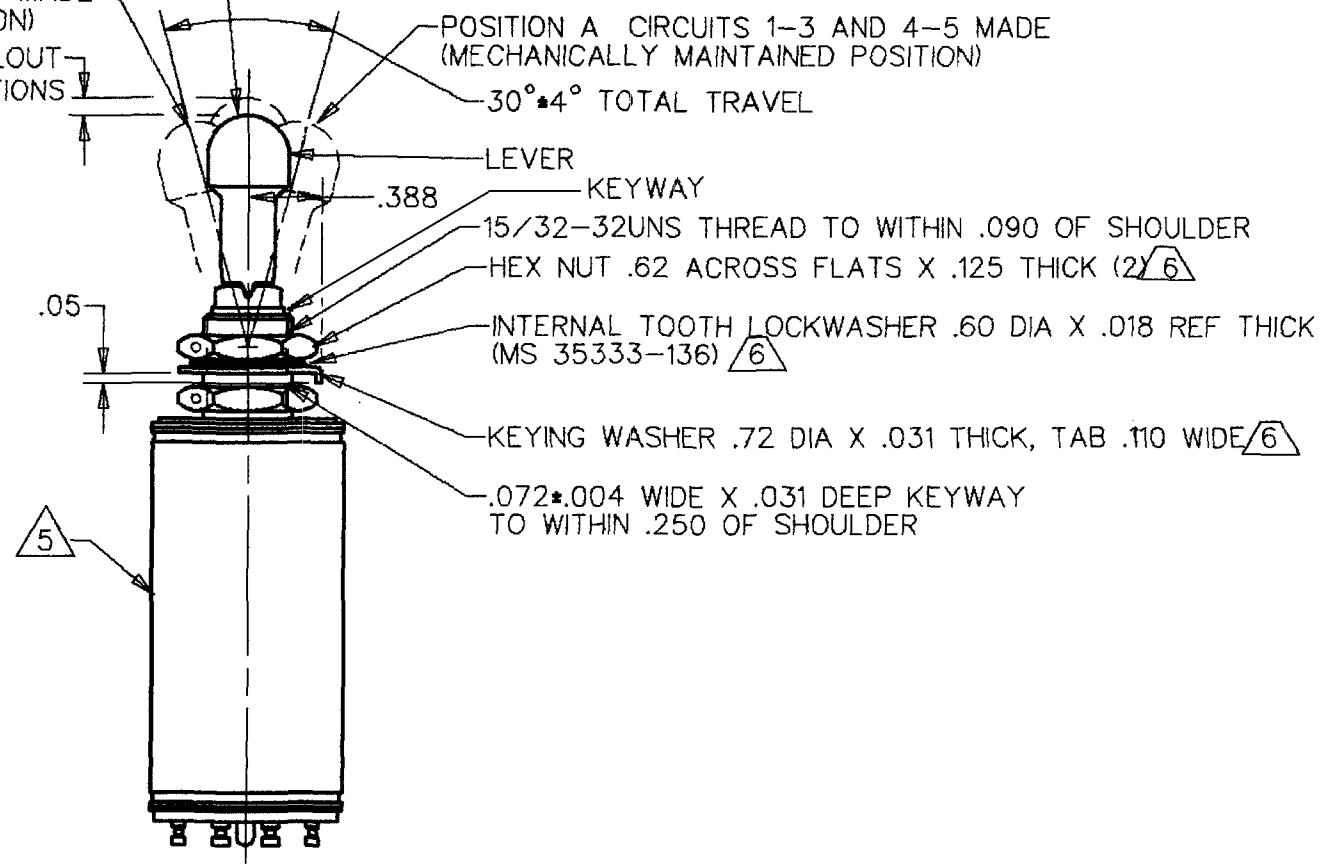
CATALOG LISTING
27ET127-T-E



.047 DIA HOLE FOR
WIRE LOCKING



POSITION B CIRCUITS 1-2 AND 4-5 MADE
(MECHANICALLY MAINTAINED POSITION)
POSITION C CIRCUITS 1-2 AND 4-6 MADE
(ELECTRICALLY MAINTAINED POSITION)
.090 APPROX PULLOUT
TO CHANGE POSITIONS



CIRCUIT DIAGRAM
(MECHANICALLY MAINTAINED
POSITION B)

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

CHARACTERISTICS

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

ELECTRICAL DATA

CONTACT ARRANGEMENT	
SPDT (2)	
RATINGS IN AMPERES	
VOLTAGE	SEA LEVEL 65,000 FT
INRUSH RES IND MOTOR INRUSH RES IND MOTOR	
28 VOLTS DC	7 2 5 1.5

SCALE FULL

DO NOT SCALE PRINT

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

ONE PLACE	(.01)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

RAW MATERIAL-COMMERCIAL STANDARD
THIRD ANGLE PROJECTION



WEIGHT 6 OZ MAX

27ET127-T-E
PAGE 1 OF 1

M

DRAWING
NUMBER

ISSUE

5

REVISIONS

A	C061410	KAG	6 MAY 87
B	C062277	DJS	14 NOV 87
C	C095336	DLT	28 OCT 99

CHECK

21JUL87

MAM

CHECK

6MAY87

KAG

FORMTEK

DRAWN