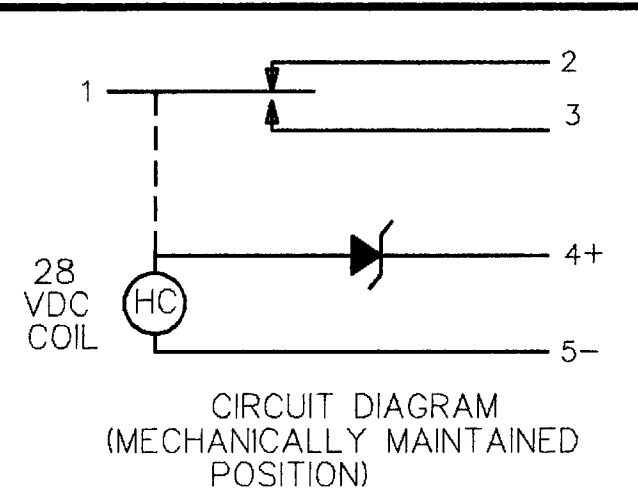


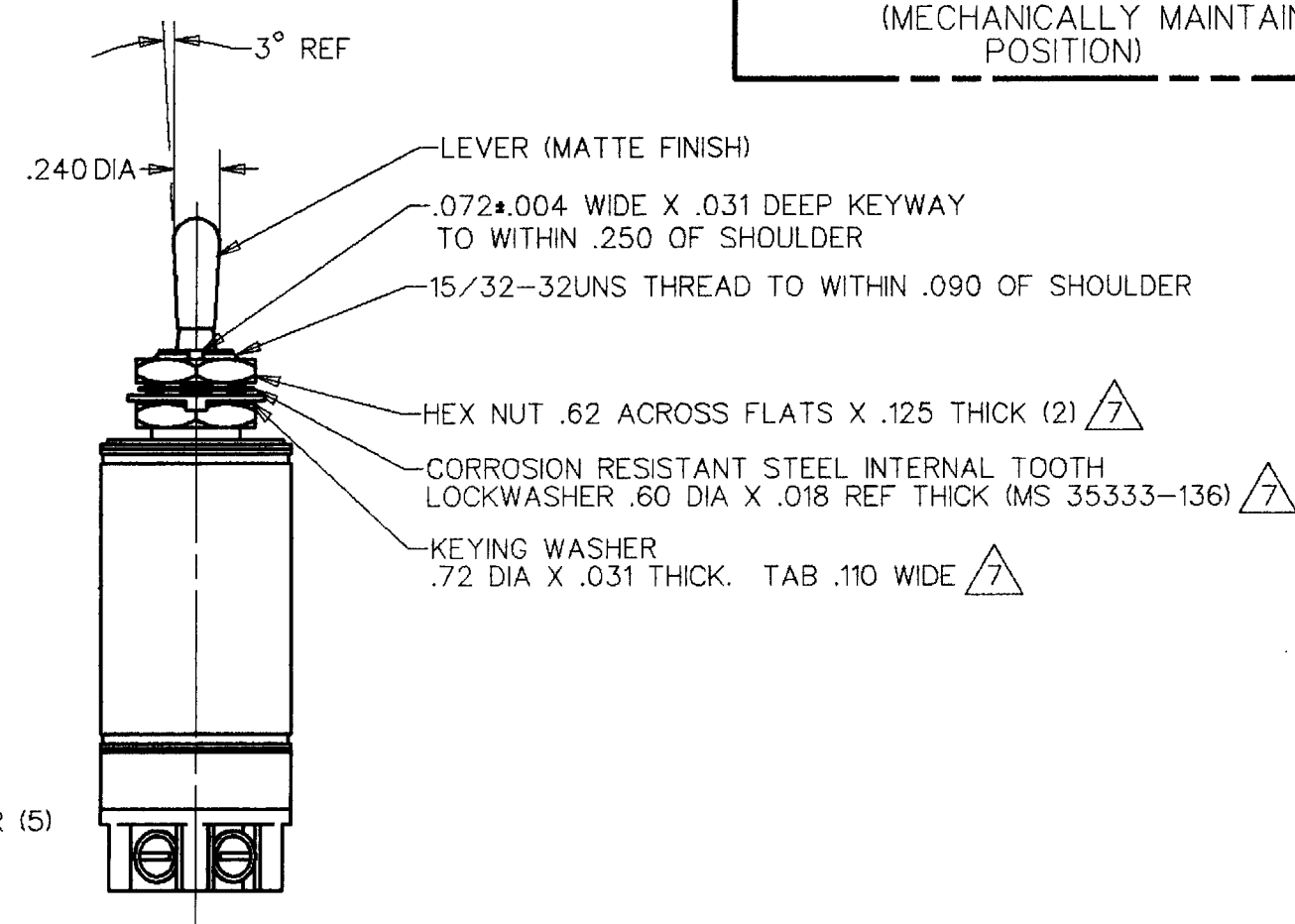
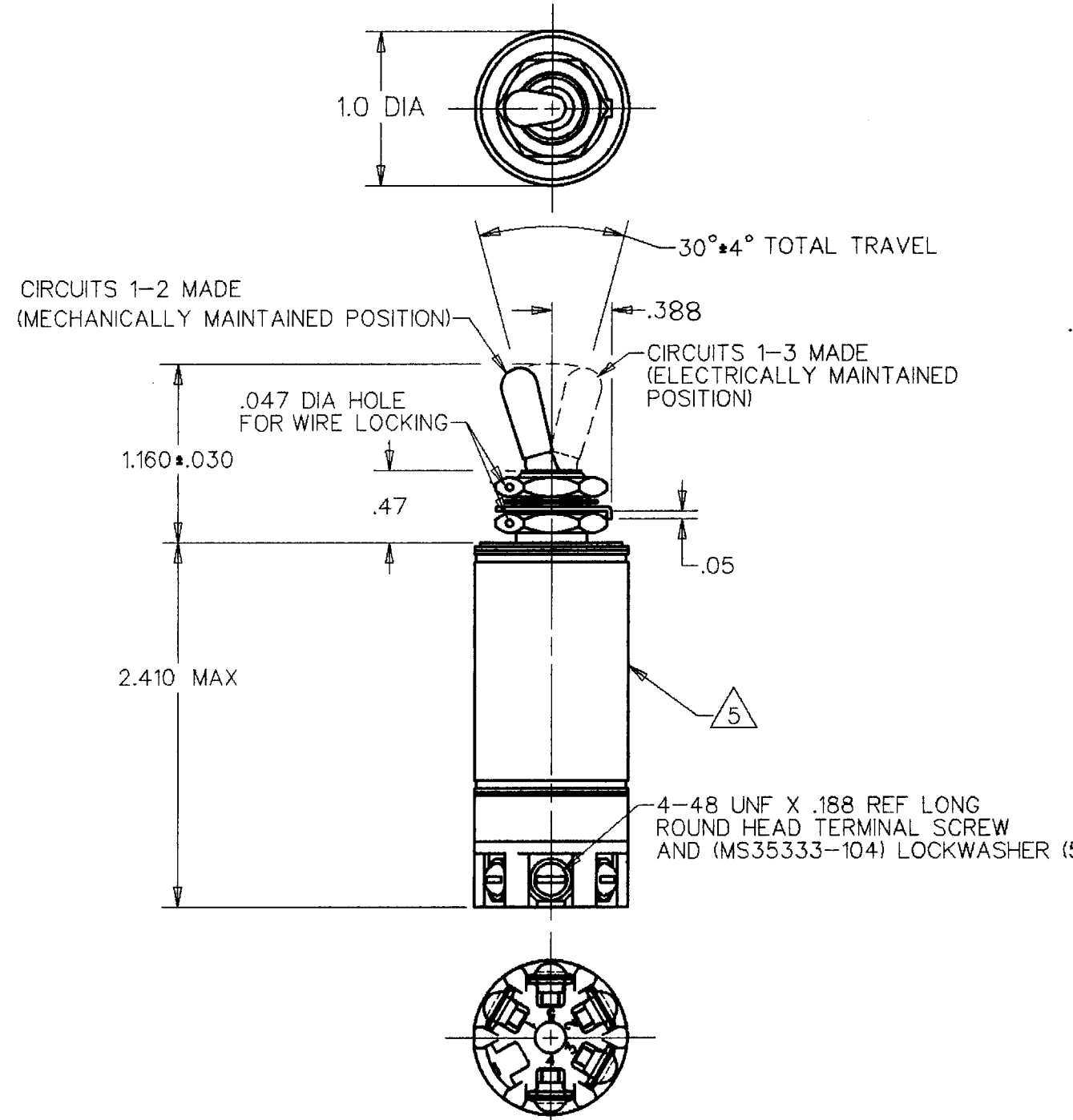
MICRO SWITCH
 FREEPORT, ILLINOIS, U. S. A.
 A DIVISION OF HONEYWELL
 FED. MFG. CODE 91929

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

CATALOG LISTING
25ET24-S



DRAWING NUMBER: **M 25ET24-S**
 ISSUE: **8**
 REVISIONS:
 A CO 61410
 D J S 5 OCT 87
 CHECK: GUA 7 DEC 87
 DRAWN: D J S 5 OCT 87
 RELEASE NO. PR-4653
 REPLACES:



- 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 - ZENER DIODE IN COIL TO CONTROL 5-9 VOLT DROPOUT
 - 7 - HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL-S-5594

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CHARACTERISTICS	
SOLENOID RATING AT 20° C	
STEADY STATE LIMITS	20-29 VDC
HOLD IN	15 VDC
DROP OUT	5-9 VDC
COIL RESISTANCE	220 OHM MIN
OPERATING FORCE	7 LBS MAX
OVERRIDE FORCE AT 29 VDC	10 LBS MAX

ELECTRICAL DATA	
CONTACT ARRANGEMENT S P D T	
RATINGS IN AMPHERES	
VOLTAGE	SEA LEVEL 65,000 FT
	INRUSH RES IND MOTOR INRUSH RES IND MOTOR
28 VOLTS DC	4 3 4 4 2.5 4

SCALE	FULL
DO NOT SCALE PRINT	
TOLERANCES APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±	
ONE PLACE	(.0) ±.030
TWO PLACES	(.00) ±.015
THREE PLACES	(.000) ±.005
ANGLES	±
RAW MATERIAL-COMMERCIAL STANDARD THIRD ANGLE PROJECTION	
WEIGHT	4.0 OZ MAX