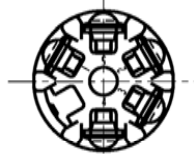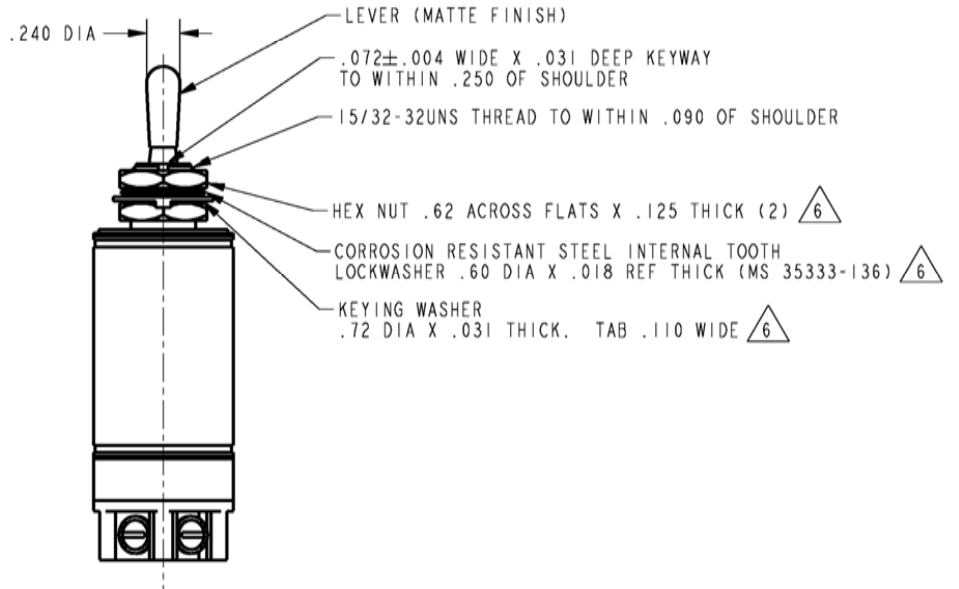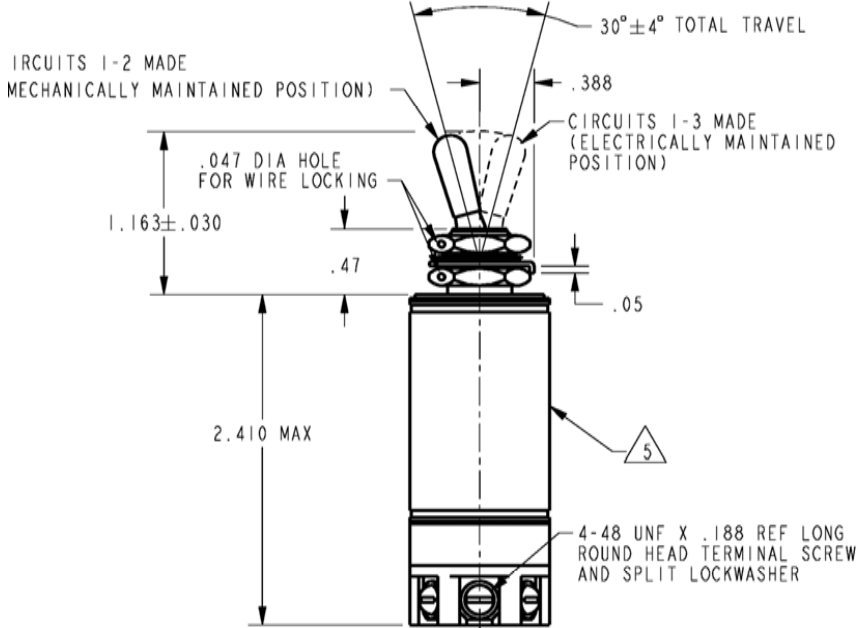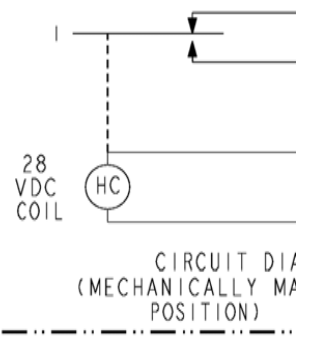**RO SWITCH**
eywell Division
FG. CODE 91929

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

CATALOG LISTING
25ET61-S

MILITARY STDS. PART NO.
M5594/1-3

1.0 DIA

28 VDC COIL (HC)

CIRCUIT DIA
(MECHANICALLY MA
POSITION)

30° ±4° TOTAL TRAVEL

.388

IRCUITS 1-2 MADE
MECHANICALLY MAINTAINED POSITION)

CIRCUITS 1-3 MADE
(ELECTRICALLY MAINTAINED
POSITION)

.240 DIA

LEVER (MATTE FINISH)

.047 DIA HOLE
FOR WIRE LOCKING

.072±.004 WIDE X .031 DEEP KEYWAY
TO WITHIN .250 OF SHOULDER

1.163±.030

15/32-32UNS THREAD TO WITHIN .090 OF SHOULDER

.47

.05

HEX NUT .62 ACROSS FLATS X .125 THICK (2) /6\

CORROSION RESISTANT STEEL INTERNAL TOOTH
LOCKWASHER .60 DIA X .018 REF THICK (MS 35333-136) /6\

KEYING WASHER
.72 DIA X .031 THICK. TAB .110 WIDE /6\

2.410 MAX

/5\

4-48 UNF X .188 REF LONG
ROUND HEAD TERMINAL SCREW
AND SPLIT LOCKWASHER

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 OU
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

AWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF
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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACE	(.00)	±.015
THREE PLACE	(.000)	±.005
ANGLES		±

WEIGHT   4.0 OZ MAX

ANSI-Y14.5M-1982 APPLIES

CTERISTICS /3\

ELECTRICAL DATA

OID RATING AT 20°C

CONTACT ARRANGEMENT
S P D T

ATE LIMITS -------- 20-29 VDC
------------ 10 VDC
------------ 0-10 VDC
STANCE ------- 220 OHM MIN
FORCE --------- 7 LBS MAX
FORCE AT 29 VDC ----- 10 LBS MAX

VOLTAGE	RATINGS IN AMPHERES						
	SEA LEVEL			65,000 FT			
	INRUSH	RES	IND	MOTOR	INRUSH	RES	IND	MOTOR
28 VOLTS DC		4	3	4		4	2.5	4