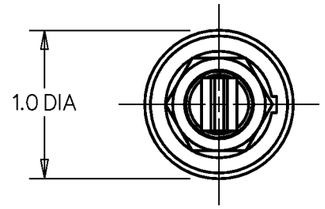
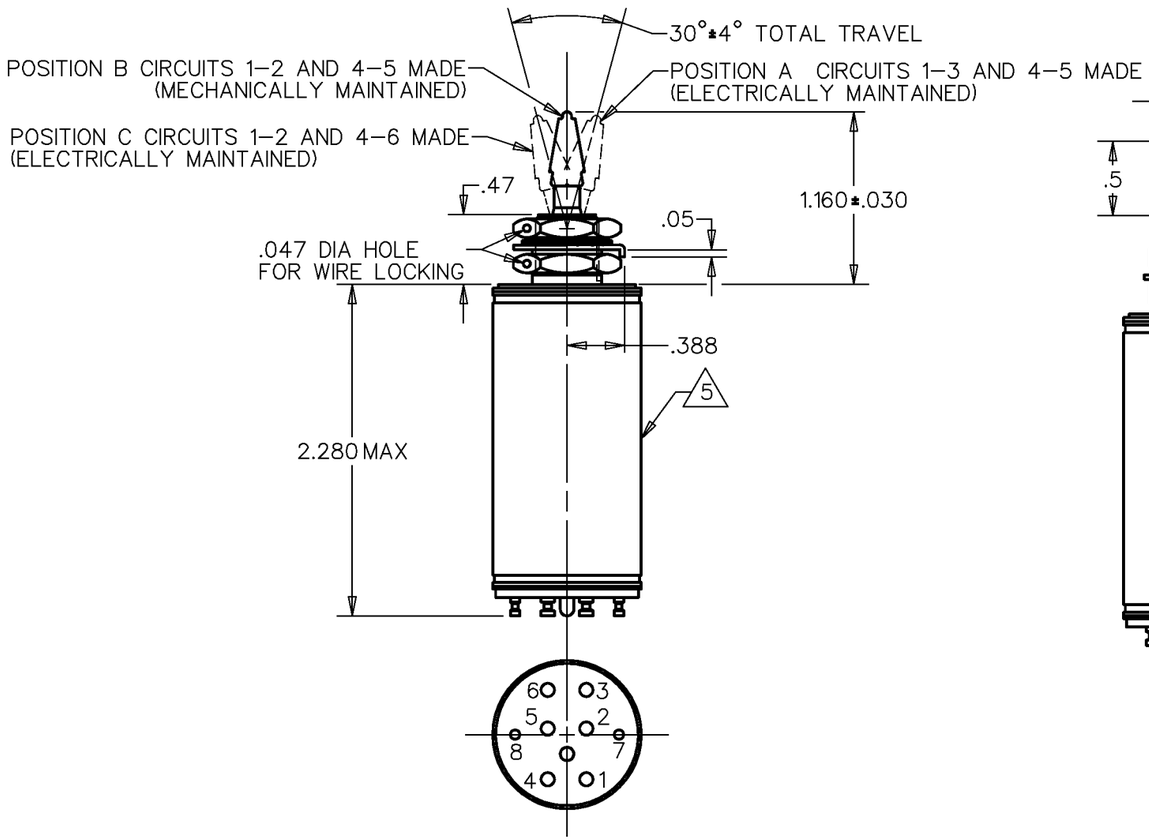
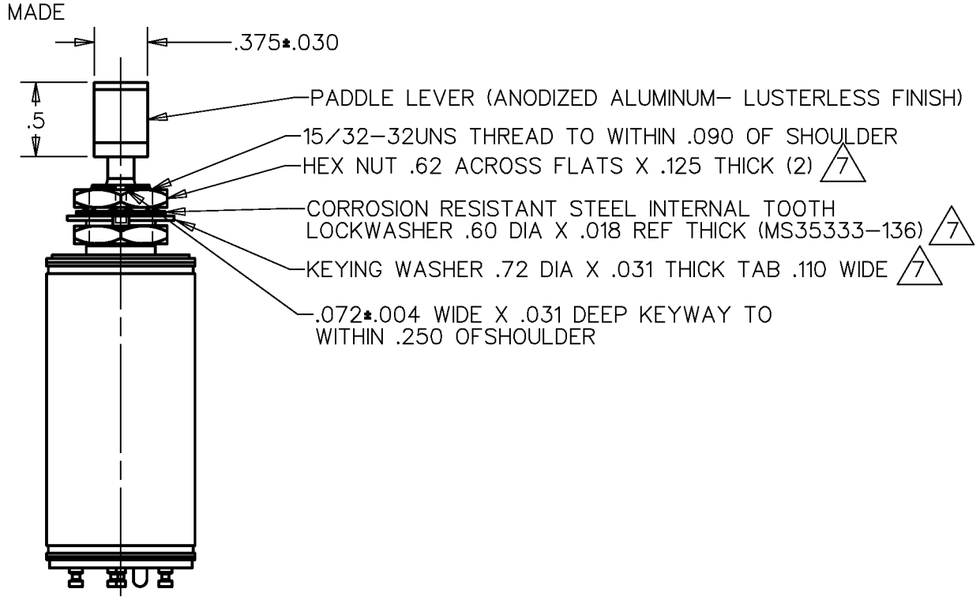
MICRO SWITCH
a Honeywell Division
FED. MFG. CODE 91929

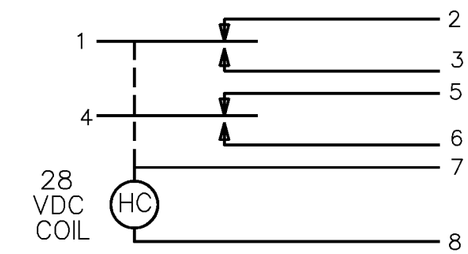
SWITCH – TOGGLE (MAGNETIC HOLD–IN)

CATALOG LISTING
27ET14–T









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 WEIGHT OF SWITCH ONLY IS 4.0 OZ MAX
7 HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL–S–5594

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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 6

CHARACTERISTICS 3

SOLENOID RATING AT 20° C

STEAD STATE LIMITS — — — 20–30 VDC
HOLD IN — — — — — — — — — 15 VDC
DROP OUT — — — — — — — — 0–15 VDC
COIL RESISTANCE AT 30 VDC–220 OHM MIN
OPERATING FORCE AT 30 VDC--- 7 LBS MAX
OVERRIDE FORCE AT 30 VDC — — — — — — 10 LBS MAX

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T (2)

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

CATALOG LISTING **27ET14–T**
PAGE 1 OF 1
ISSUE **M** 8
REPLACES
RELEASE NO. PR–5186
CHECK
REVISIONS
A C061410 D J S 15 SEP 87
B C079565 G J W 8 AUG 96
CHECK
CHECK 18 DEC 87 M A M
CHECK
DRAWN 15 SEP 87 D J S
DDM/CAD