

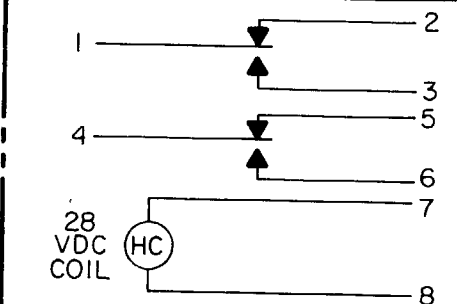
MICRO SWITCH

FREEPORT ILLINOIS U.S.A
A DIVISION OF HONEYWELL

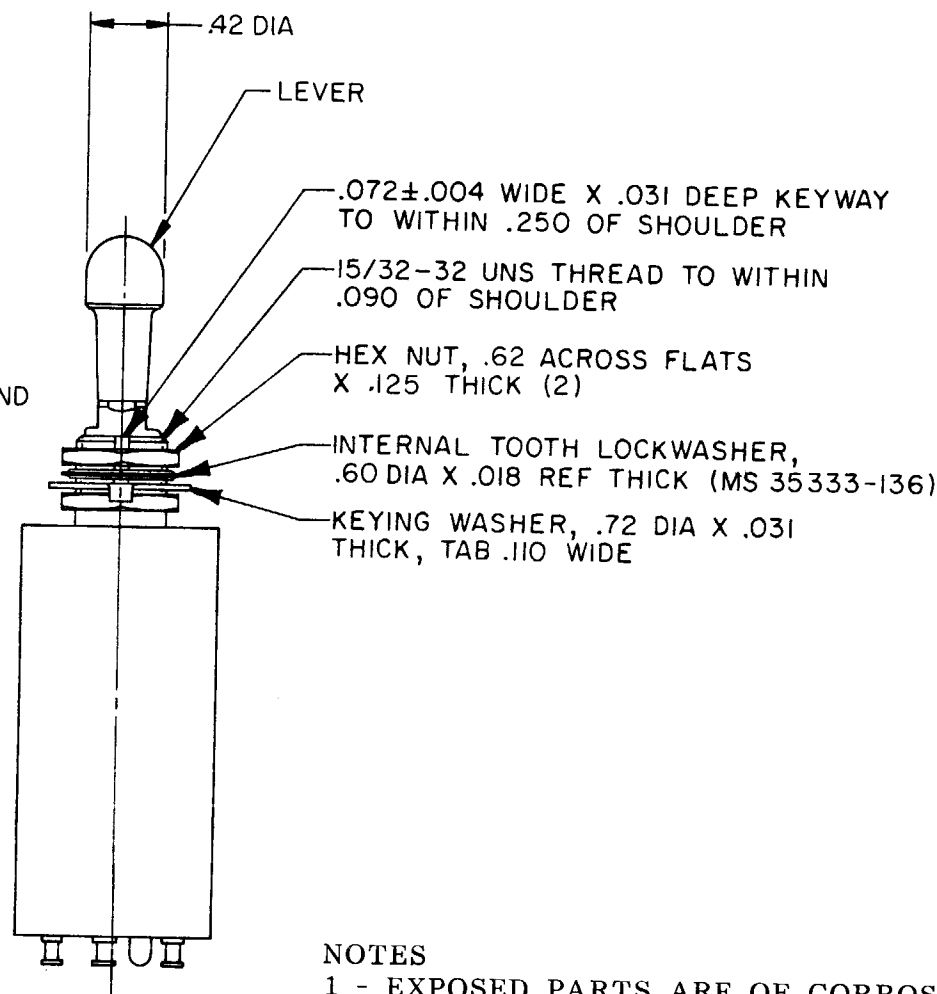
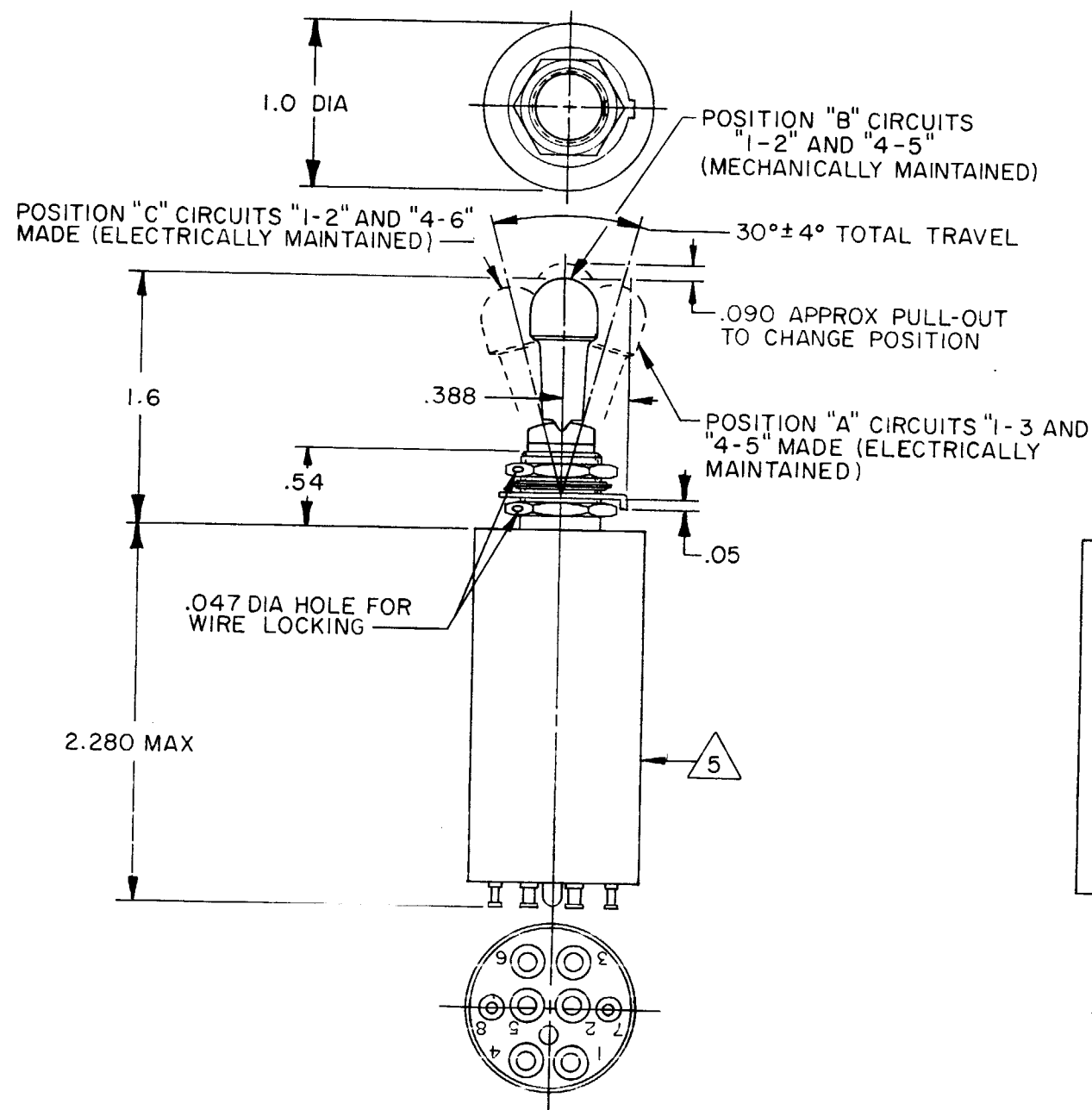
FED. MFG. CODE 91929

SWITCH - TOGGLE (MAGNETIC HOLD-IN)

CATALOG LISTING
27ET71-T-E



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

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CHARACTERISTICS	3
SOLENOID RATING AT 20° C	
STEADY STATE LIMIT	20-29 VDC
HOLD-IN	15 VDC
DROP OUT	0-15 VDC
OPERATING FORCE	7 LBS MAX
OVERRIDE FORCE AT 30 VDC	10 LBS MAX
COIL RESISTANCE	220 OHM MIN

ELECTRICAL DATA	
CONTACT ARRANGEMENT	S P D T (2)
RATING IN AMPERS	
SEA LEVEL	50,000 FT
VOLTAGE	28 VOLTS DC
INRUSH	1
RES	.5
IND	
MOTOR	
INRUSH	1
RES	.5
IND	
MOTOR	

SCALE		FULL	
DO NOT SCALE PRINT			
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	0.01/0.15	X.X
TWO PLACES	X.XX	0.001/0.005	X.XX
THREE PLACES	X.XXX	0.0001/0.0005	X.XXX
ANGLES			
SI METRIC		US CUSTOMARY	
☐		☒	
THIRD ANGLE PROJECTION			
			
WEIGHT			

27ET71-T-E

M

DRAWING
NUMBER

3

ISSUE

RELEASE NO. PR-12749

REPLACES

CHECK

REVISIONS

APR 12749

TSK

25 JAN 84

CHECK

26 JAN 84

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25 JAN 84

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