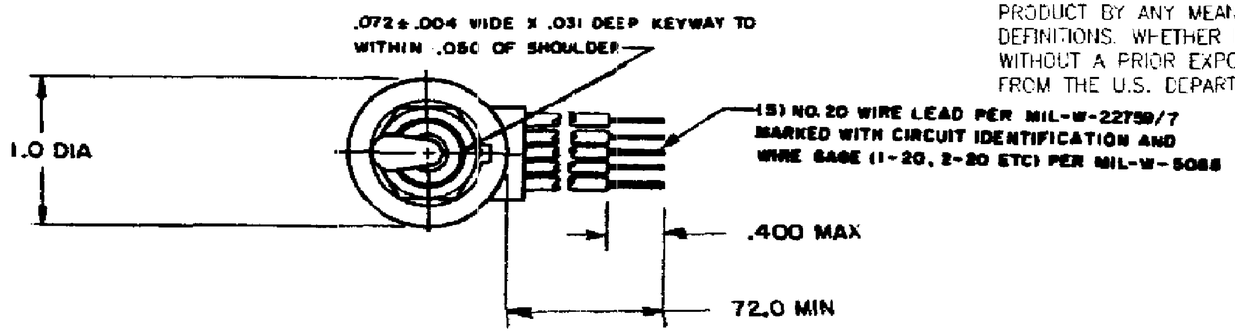
MICRO SWITCH

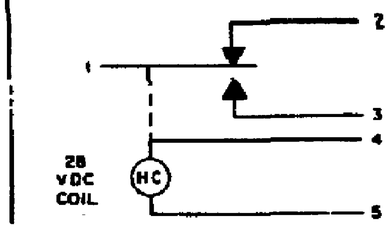
SWITCH – TOGGLE (MAGNETIC HOLD-IN)

CATALOG LISTING

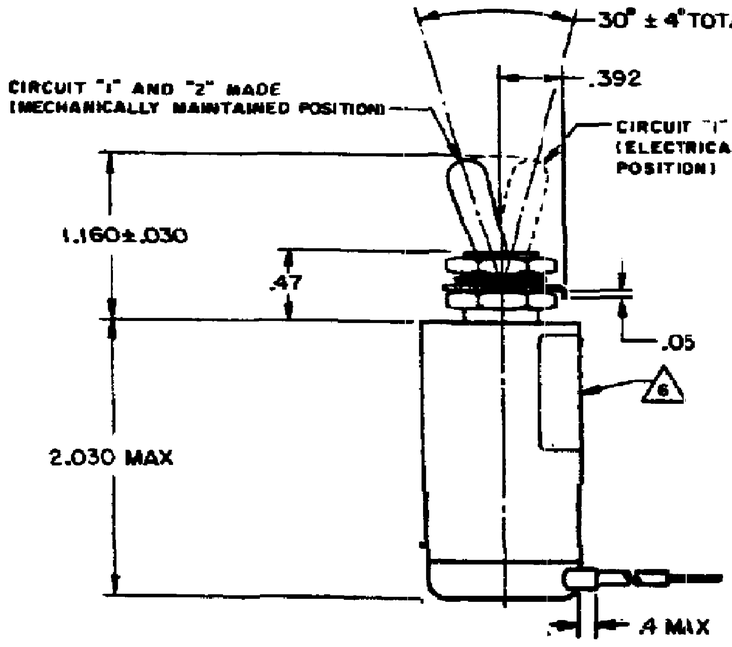
25ET123-6

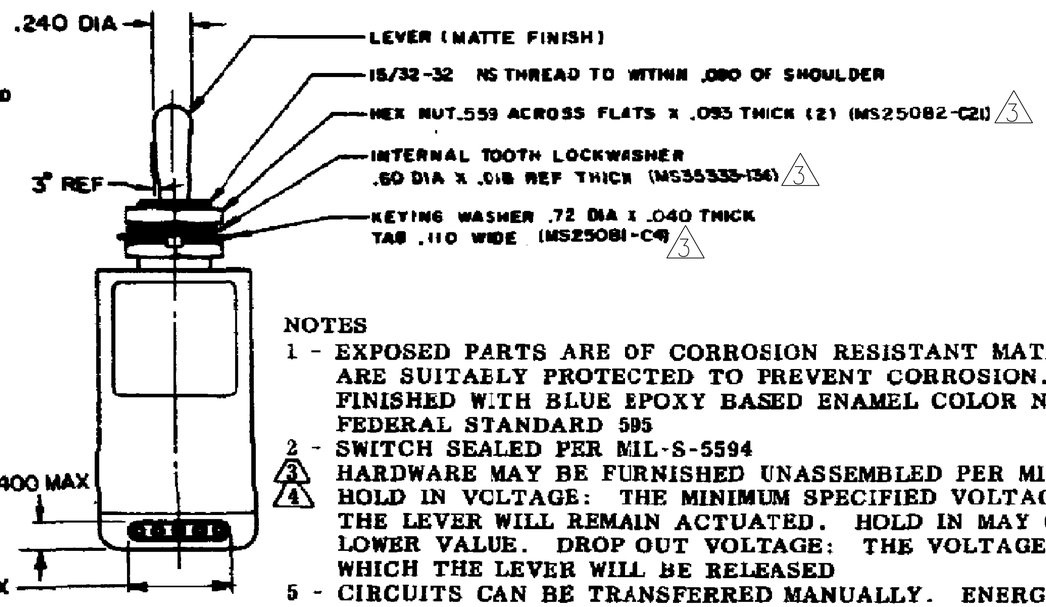
WARNING– THIS PRODUCT IS SUBJECT TO THE U.S. INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR), AND THE EXPORT CONTROL LAWS OF THE UNITED STATES TRANSFER OF TECHNICAL DATA PERTAINING TO THIS PRODUCT BY ANY MEANS TO A FOREIGN PERSON PER ITAR DEFINITIONS, WHETHER IN THE UNITED STATES OR ABROAD, WITHOUT A PRIOR EXPORT LICENSE OR OTHER APPROVAL FROM THE U.S. DEPARTMENT OF STATE, IS PROHIBITED.





CIRCUIT DIAGRAM
(MECHANICALLY MAINTAINED POSITION)





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 HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL-S-5594

4 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

5 – CIRCUITS CAN BE TRANSFERRED MANUALLY. ENERGIZING THE COIL WILL NOT CAUSE TRANSFER OF CIRCUITS

6 CIRCUIT IDENTIFICATION IS SHOWN ON SWITCH

CHARACTERISTICS 4

SOLENOID RATING AT 20° C

STEADY STATE LIMITS	20–30 VDC
HOLD IN	10 VDC
DROP OUT	1.5–10 VDC
COIL RESISTANCE	220 OHM MIN
OPERATING FORCE	7 LBS MAX
OVERRIDE FORCE AT 30 VDC	10 LBS MAX

ELECTRICAL DATA

CONTACT ARRANGEMENT: S P D T

VOLTAGE	RATING IN AMPERES							
	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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES ARE

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

WEIGHT 8.5 OZ MAX

REVISIONS

A	0012466
	PH/AP

DRAWING NUMBER M 25ET123-6

ISSUE A

RELEASE NO.

REPLACES

SHEET

DRAWN