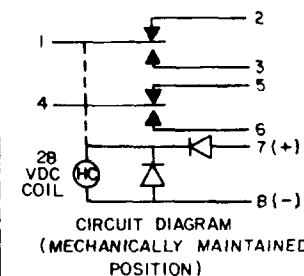
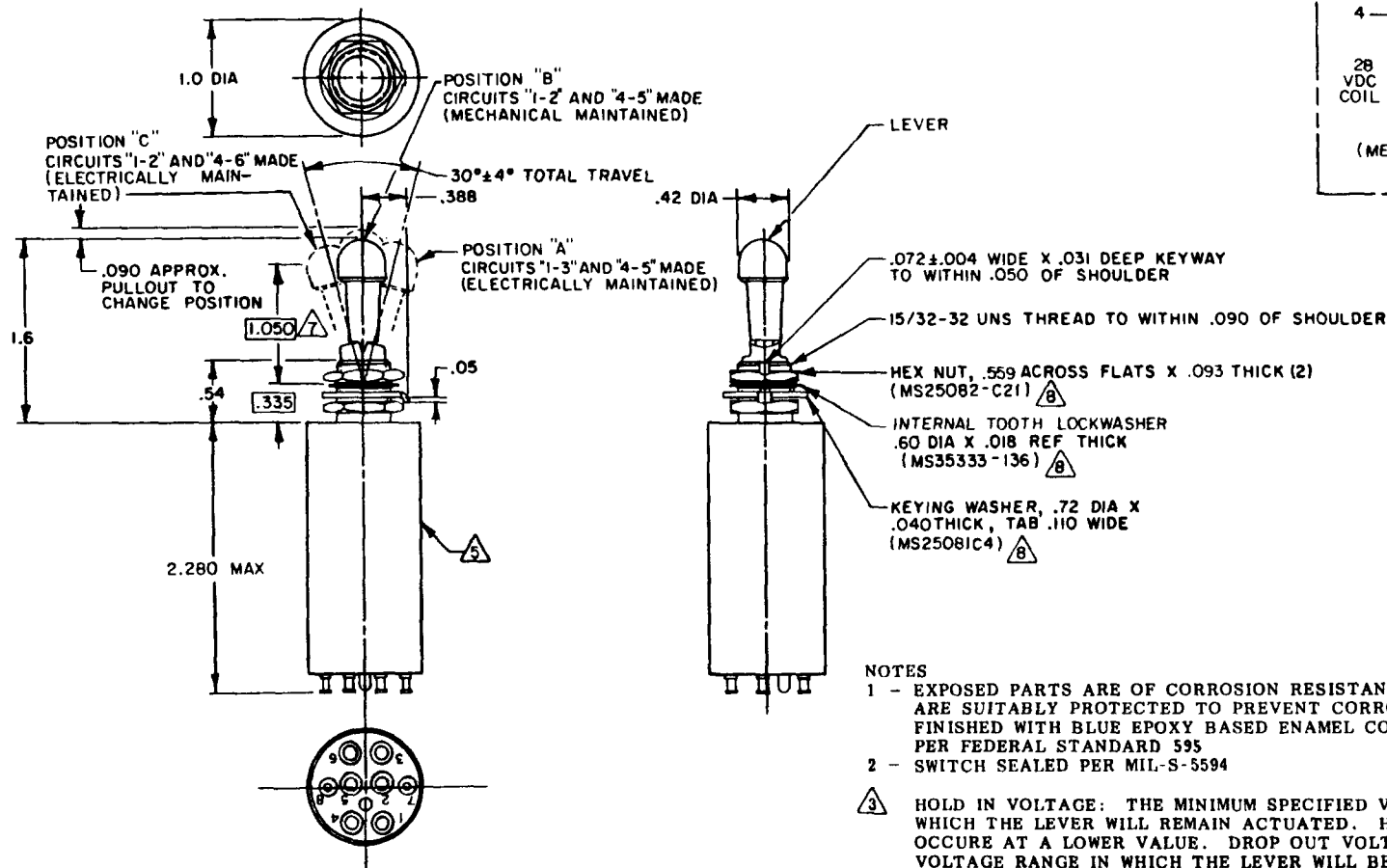


CATALOG LISTING
27ET110-T-E
FSCM NO. 76301
ST5M-1261-009



- 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 OCCURE 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 - THE DIODES ARE JANTXV TYPE AND LIMIT THE EMI: SPIKES (TRANSIENTS OF DURATION LESS THAN 500 MICRO SECONDS) GENERATED BY THE SWITCH COIL SHALL NOT EXCEED +42 VOLTS OR -14 VOLTS PIV 800V MIN
 - 7 - FORCE TO BE APPLIED AT THIS POINT IN A DIRECTION PERPENDICULAR TO THE LEVER LONGITUDINAL AXIS
 - 8 - HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL-S-5594

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

CHARACTERISTICS		3
SOLENOID RATING AT 20° C		
STEADY STATE LIMITS	-----	20-30 VDC
HOLD-IN	-----	15 VDC
DROP OUT	-----	1.5-15 VDC
COIL RESISTANCE	-----	220 OHM MIN
OVERRIDE FORCE AT 30 VDC	7	7 LB MAX
OPERATING FORCE	-----	10 LB MAX
	-----	2.5 LB MIN

[illegible]

TOLERANCES			
APPLY TO DIMENSIONS (RADIUSES AND DIA.) FOR HORIZONTAL UNLESS NOTED TOLERANCES ARE			
SIZE DIM.	TOL. DIM.	SIZE DIM.	TOL. DIM.
NO PLACES	± .1500	1 TO 2	± .0010
1 PLACE	± .0250	3 TO 4	± .0005
2 PLACES	± .0050	5 TO 6	± .0002
THREE PLACES	± .0010	7 TO 8	± .0001
4 PLACES	± .0002	9 TO 10	± .00005

DESIGN UNITS DRAWING USE CHART BOARD

RAW MATERIAL - COMMERCIAL STANDARD
 MICRO SWITCH STANDARDS APPLY

DIMENSIONS ARE TO BE MET BEFORE
 INSTALLATIVE COATING AND FINISH

WEIGHT 4.0 07 MAY