

CATALOG LISTING  
25ET79-S-G  
PAGE 1 OF 1  
ISSUE  
9

| REVISIONS |               |
|-----------|---------------|
| A         | CO 61410      |
| B         | JJS 17 NOV 87 |
| C         | 93048         |
| D         | JW 12 NOV 98  |
| E         | 0012413       |
| F         | VK 22 APR 05  |

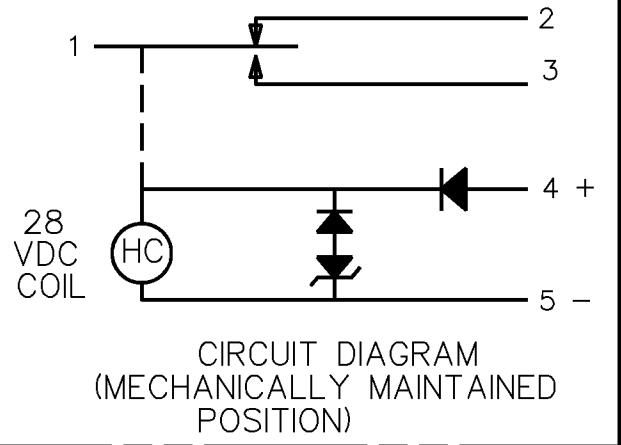
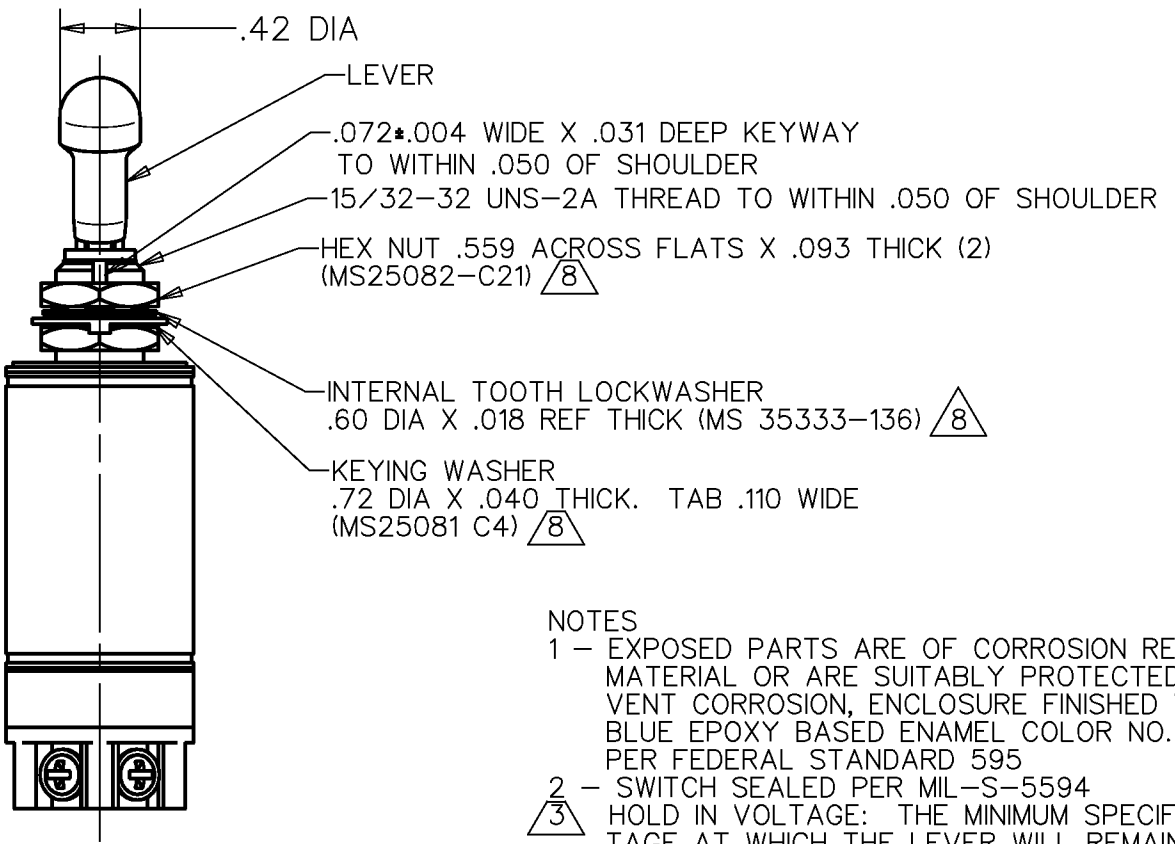
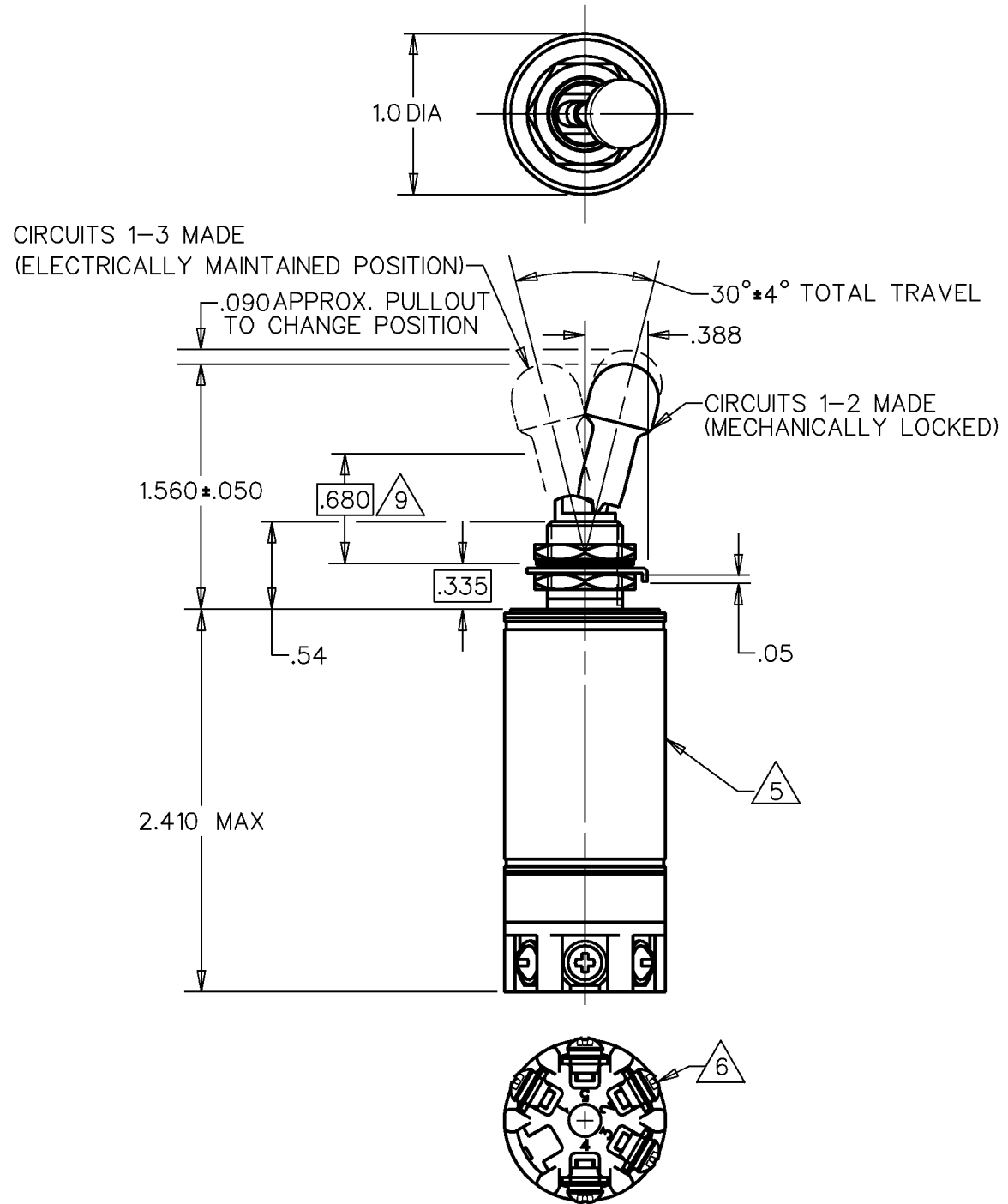
| CHECK |           |
|-------|-----------|
| AK    | 22 APR 05 |
| AK    | 7 DEC 87  |
| AK    | 17 NOV 87 |

DDM/CAD  
DRAWN  
DJS

**MICRO SWITCH**  
a Honeywell Division  
FED. MFG. CODE 91929

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

CATALOG LISTING  
**25ET79-S-G**  
**5M333-9**



- 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 NAS 600-3P SCREW (5) OR EQUIVALENT
  - 6 – NAS 620-C4 FLAT WASHER (5) MS35338-135 LOCKWASHER (5)
  - 7 – THE DIODES ARE JANTX 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 ABSOLUTE. PIV 800 V MIN
  - 8 – HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL-S-5594
  - 9 – FORCE TO BE APPLIED AT THIS POINT IN A DIRECTION PERPENDICULAR TO THE LEVER LONGITUDINAL AXIS

| 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                    |  |
|--|--|---|--|
| CHARACTERISTICS  |  | ELECTRICAL DATA                           |  |
| SOLENOID RATING AT 20° C   |  | CONTACT ARRANGEMENT<br>S P D T            |  |
| STEADY STATE LIMITS ---- 20-30 VDC   |  | RATINGS IN AMPHERES                       |  |
| HOLD IN ---- 10 VDC  |  | SEA LEVEL 65,000 FT                       |  |
| DROP OUT ---- 1.5-10 VDC   |  | VOLTAGE                                   |  |
| COIL RESISTANCE ---- 220 OHM MIN   |  | INRUSH RES IND MOTOR INRUSH RES IND MOTOR |  |
| OPERATING FORCE AT 30 VDC 1-7 LB   |  | 28 VOLTS DC                               |  |
| OVERRIDE FORCE AT 30 VDC 2.5-10 LB   |  |   |  |
|  |  | 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 6.0 OZ MAX                         |  |