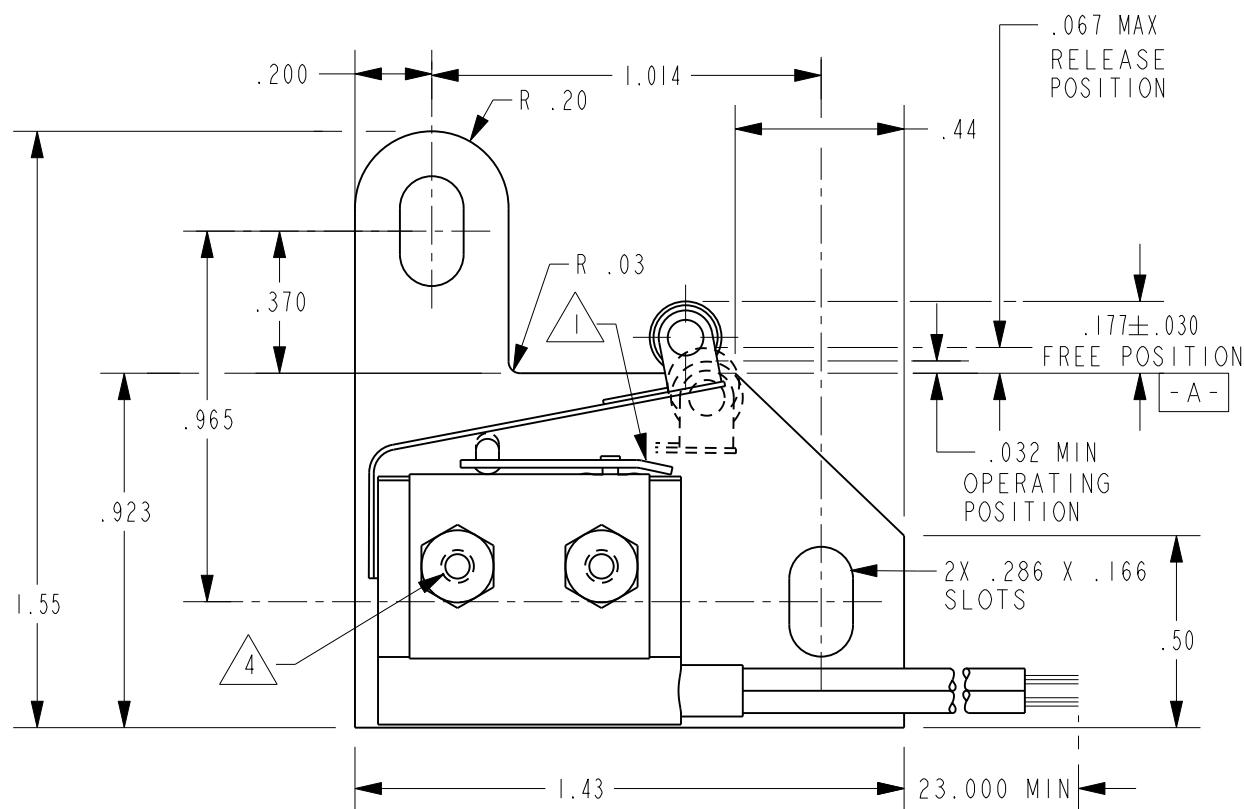
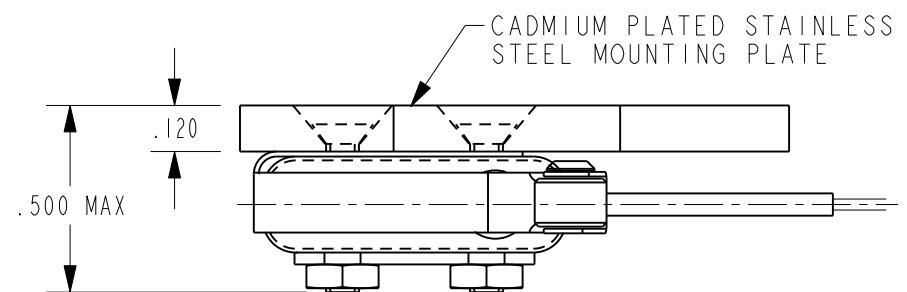


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SPECIFICATION DETAILS:

|   |   |                       |           |
|---|---|-----------------------|-----------|
| STANDARD:   | BASIC SWITCHES CONFORM TO MS-27216-6 (MIL-PRF-8805/8) EXCEPT AS NOTED |                       |           |
| CONSTRUCTION:   | HERMETIC SEAL PER MIL-PRF-8805, SYMBOL 5                              |                       |           |
| ENCLOSURE DESIGN  | GOLD BIFURCATED CONTACTS  |                       |           |
| CONTACT MATERIAL & CONFIGURATION  | GOLD BIFURCATED CONTACTS  |                       |           |
| CIRCUIT CONFIGURATION   |   |                       |           |
| TERMINATION   | 2X 22 GAGE LEADWIRES PER BMS 13-60, TYPE I, CLASS I                   |                       |           |
| WEIGHT  |   |                       |           |
| ELECTRICAL CHARACTERISTICS:   |   |                       |           |
| CONTACT ARRANGEMENT   | S.P.N.O.  |                       |           |
| ELECTRICAL RATINGS  | VOLTAGE   | INDUCTIVE             | RESISTIVE |
| - SEA LEVEL   | 28 VDC  | .10 AMP               | .10 AMP   |
| - 50,000 FEET   | 28 VDC  | .10 AMP               | .10 AMP   |
| DIELECTRIC STRENGTH & INSULATION RES  | DIELECTRIC STRENGTH   | INSULATION RESISTANCE |           |
| - BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL                              | ( 60 Hz FOR 5 SEC)  | ( 500 VDC $\pm$ 10%)  |           |
| - BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS                                      | 800V RMS, 500 $\mu$ A (MAX LKG)                                       | 1000 MEGOHM MIN       |           |
| - BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE                                    | 800V RMS, 500 $\mu$ A (MAX LKG)                                       | 1000 MEGOHM MIN       |           |
| SWITCH RESISTANCE   | N/A   |                       |           |
| RECOMMENDATION OR USE IN APPL LESS THAN .5 amps AND/OR 12 volts                         | RECOMMENDED   | 2                     |           |
| MECHANICAL CHARACTERISTICS:   |   |                       |           |
| OPERATING FORCE   | 9 OZ MAX  |                       |           |
| RELEASE FORCE   | 2 OZ MIN  |                       |           |
| PRETRAVEL   |   |                       |           |
| FREE POSITION   |   |                       |           |
| OVERTRAVEL  | .020 - .030   |                       |           |
| MOUNTING STRENGTH   |   |                       |           |
| ACTUATOR STRENGTH   |   |                       |           |
| LIFE:   |   |                       |           |
| MECHANICAL LIFE   | 25,000 MIN, PER MIL-PRF-8805/8  | 3                     |           |
| ELECTRICAL LIFE AT FULL RATED LOAD  | 25,000 MIN, PER MIL-PRF-8805/8  | 3                     |           |
| ENVIRONMENTAL:  |   |                       |           |
| TEMPERATURE RANGE   | -65 $^{\circ}$ C TO +125 $^{\circ}$ C                                 |                       |           |
| ALTITUDE RANGE  | SEA LEVEL TO 70,000 FT  |                       |           |
| SHOCK   |   |                       |           |
| VIBRATION   | PER BOEING D6-81926 ZONE 3 CATEGORY C 10-2000 Hz 3.9g RMS             |                       |           |
| MOISTURE RESISTANCE   | PER MIL-PRF-8805 (10 DAYS)  |                       |           |
| THERMAL SHOCK   | PER MIL-PRF-8805 (5 CYCLES)   |                       |           |
| SALT SPRAY  | PER MIL-PRF-8805 (96 HOURS)   |                       |           |
| LIFE RATINGS BEYOND MIL-PRF-8805 REQUIREMENTS PER MICRO SWITCH TEST PLAN (95% SURVIVAL) |   |                       |           |
| MECHANICAL LIFE   | 100,000   |                       |           |
| ELECTRICAL LIFE, AT FULL RATED LOAD   | 80,000  |                       |           |



NOTES

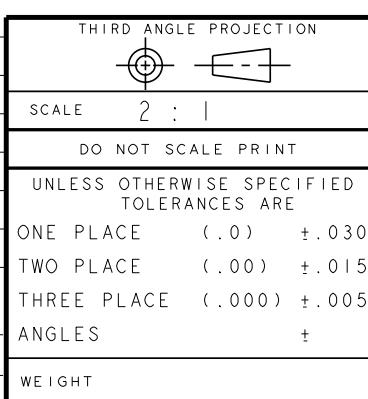
1 - ADJUSTMENT CAUTION: DO NOT ALLOW ACTUATOR LEAF TO COME IN CONTACT WITH HM LEVER TO PREVENT SWITCH SEAL DAMAGE

2 - CONTACT HONEYWELL - MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS

3 - LIFE RATINGS PER MIL-PRF-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL - MICRO SWITCH FOR ADDITIONAL DATA

4 - 2X NUTS WELDED TO SCREWS

5 - SWITCH BONDED TO MOUNTING PLATE BY EPOXY ENCAPSULANT



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