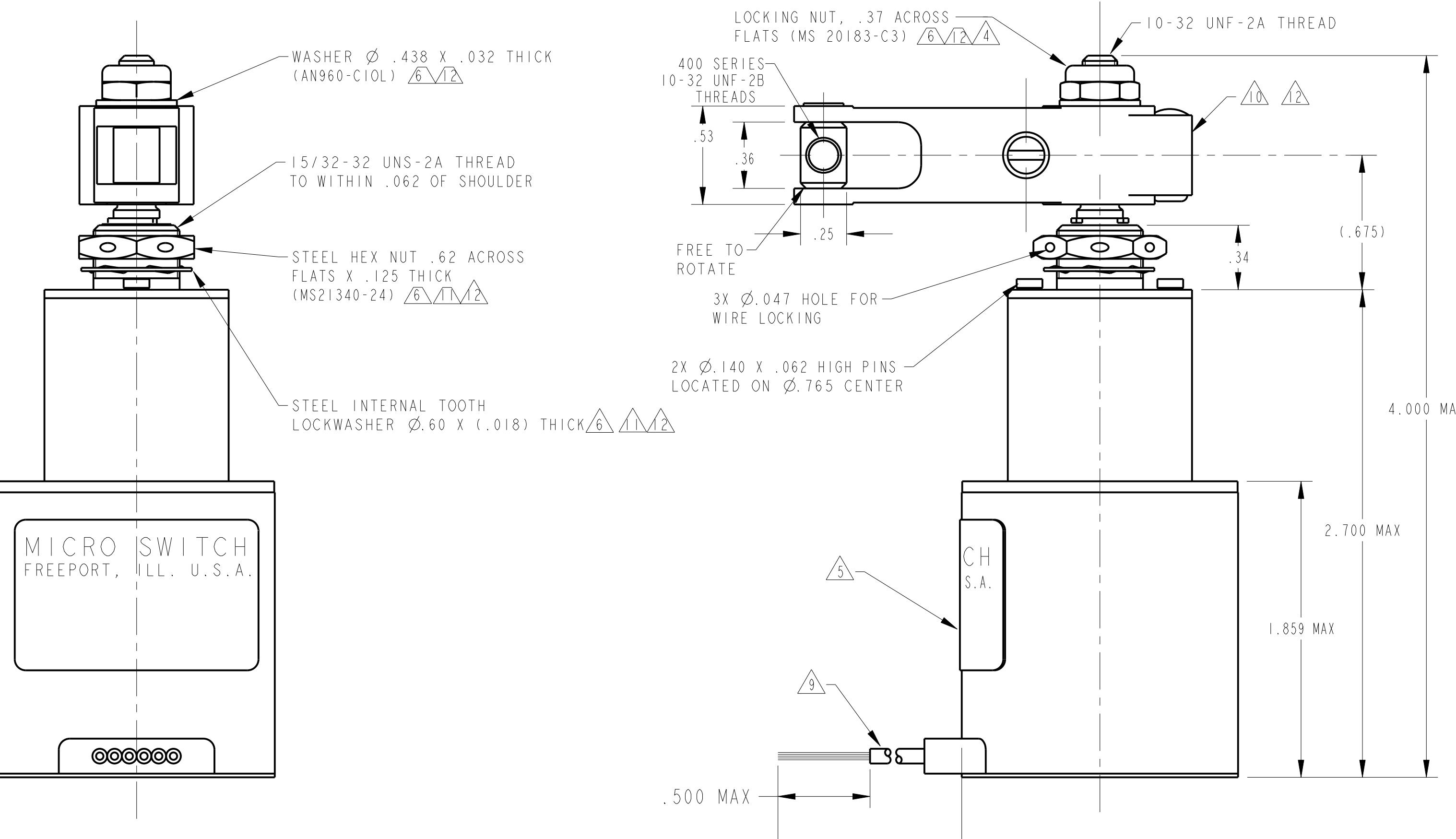
VIEW A-A  
SCALE 3:1

SPECIFICATION DETAILS:	
STANDARD:	CONFORMS TO MS21320-3 (MIL-PRF-8805/48) EXCEPT AS NOTED
CONSTRUCTION:	RESILIENT SEAL PER MIL-PRF-8805, SYMBOL 4
ENCLOSURE DESIGN:	SMOOTH SILVER CONTACTS
CONTACT MATERIAL & CONFIGURATION:	SEE CIRCUIT DIAGRAM
CIRCUIT CONFIGURATION:	SEE DRAWING
TERMINATION:	15.7 OZ MAX
WEIGHT:	300 SERIES CORROSION RESISTANT STAINLESS STEEL
EXPOSED METALS:	SILICONE ELASTOMER
ELECTRICAL CHARACTERISTICS:	2X S.P.D.T.
CONTACT ARRANGEMENT:	LOAD
ELECTRICAL RATINGS:	VOLTAGE RES IND MOTOR
- SEA LEVEL -	28 VDC 10 3 6
- 50,000 FEET -	28 VDC 10 3 3
DIELECTRIC STRENGTH & INSULATION RES	DIELECTRIC STRENGTH INSULATION RESISTANCE (≈ 60 Hz for 5 seconds) (500 VDC ± 10%)
- BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL	1000 V Rms, 500 μA (MAX LEAKAGE) 1000 Megohms MIN
- BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS	1000 V Rms, 500 μA (MAX LEAKAGE) 1000 Megohms MIN
- BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE	1000 V Rms, 500 μA (MAX LEAKAGE) 1000 Megohms MIN
SWITCH RESISTANCE	N/A
RECOMMENDATION OR USE IN APPL LESS THAN .5 amps AND/OR 12 volts	NO
MECHANICAL CHARACTERISTICS:	
OPERATING TORQUE	12-25 IN-LBS
FULL OVERTRAVEL TORQUE	40 IN-LBS MIN
ACTUATOR STRENGTH	10 LBS APPLIES IN A DIRECTION TO CAUSE SWITCH ACTUATION
RELEASE TORQUE	4 IN-LBS MIN
FREE POSITION	SEE DETAIL
DIFFERENTIAL TRAVEL	SEE DETAIL
PRETRAVEL	SEE DETAIL
OVERTRAVEL	SEE DETAIL
MOUNTING STRENGTH	15 IN-LBS
LIFE:	
MECHANICAL LIFE	25,000 MIN PER MIL-PRF-8805/48
ELECTRICAL LIFE AT FULL RATED LOAD	25,000 MIN PER MIL-PRF-8805/48
ENVIRONMENTAL:	
TEMPERATURE RANGE	-55° C TO +85° C
ALTITUDE RANGE	SEA LEVEL TO 50,000 FT
SHOCK	PER MIL-PRF-8805 SYMBOL M-100g
VIBRATION	PER MIL-PRF-8805 SYMBOL I - 10-500 Hz & 10g PEAK
MOISTURE RESISTANCE	PER MIL-PRF-8805 (10 DAY TEST)
THERMAL SHOCK	PER MIL-PRF-8805 (5 CYCLE TEST)
SALT SPRAY	PER MIL-PRF-8805 (96 HR TEST)



NOTES

- UNLESS OTHERWISE NOTED
- CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS
- LIFE RATINGS ARE PER MIL-PRF-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA
- DO NOT APPLY MORE THAN 20-25 INCH-POUNDS OF TORQUE WHEN TIGHTENING LOCKING NUT
- CIRCUIT DIAGRAM, CATALOG LISTING, FED. MFG. CODE AND DATE CODE ARE SHOWN ON NAMEPLATE
- HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- .050 WIDE X .050 SLOT
- Ø.037 HOLE FOR WIRE LOCKING
- 6X NO 18 LEAD WIRE PER MIL-W-22759/7, MARKED WITH SWITCH CIRCUIT IDENTIFICATION AND WIRE GAUGE (1-18, 2-18 ETC) PER MIL-W-5088
- DIE CAST ALUMINUM WITH CHROMATE COAT
- CADMIUM PLATED
- REPLACEMENT MOUNTING HARDWARE - PACKET 19PA209-EN

(A) MOTOR LOAD, DC: THE DURATION OF THE INRUSH CURRENT SHALL BE NOT LESS THAN .05 SECOND. ONLY RESISTIVE COMPONENTS SHALL BE USED. SWITCHES SHALL MAKE 6 TIMES THE RATED LOAD, AND BREAK THE RATED LOAD.

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