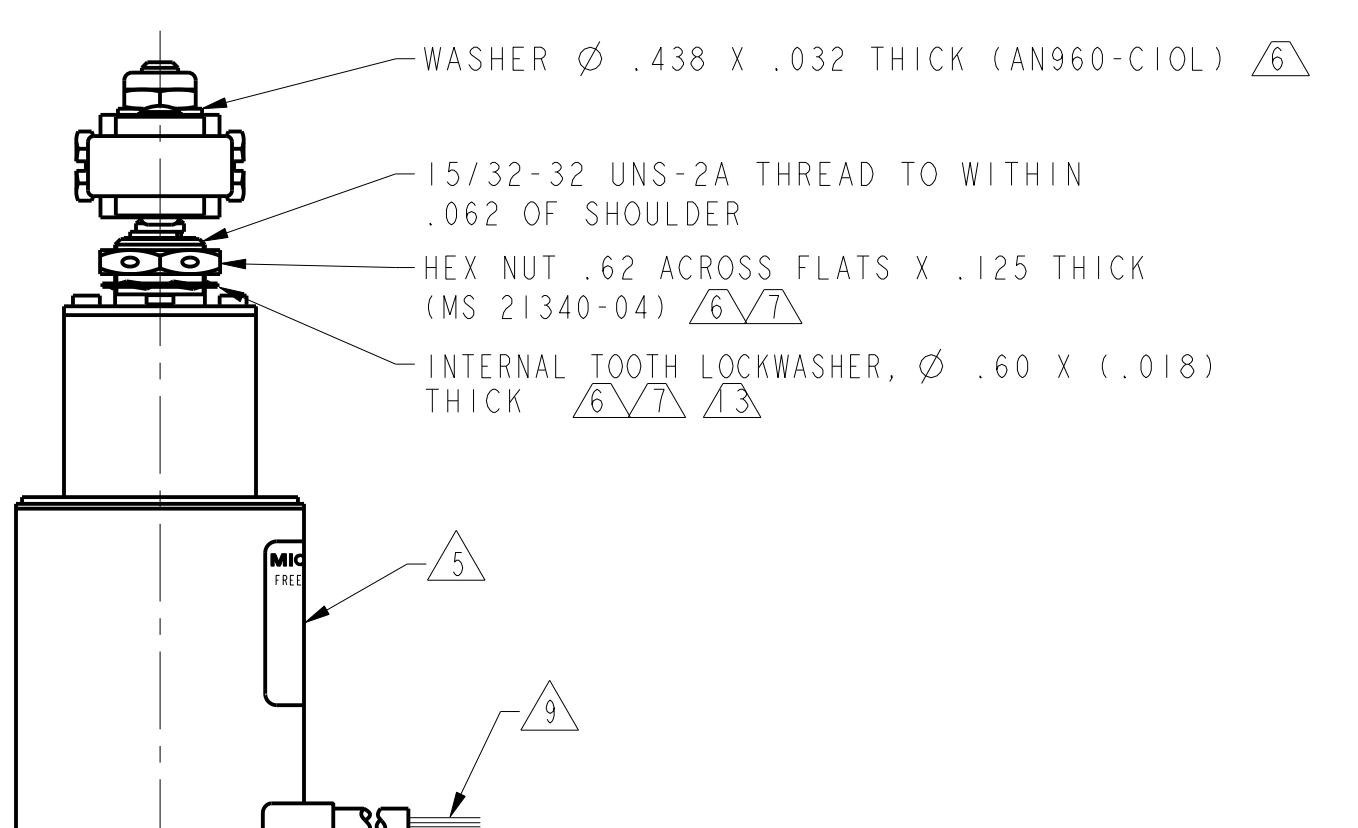
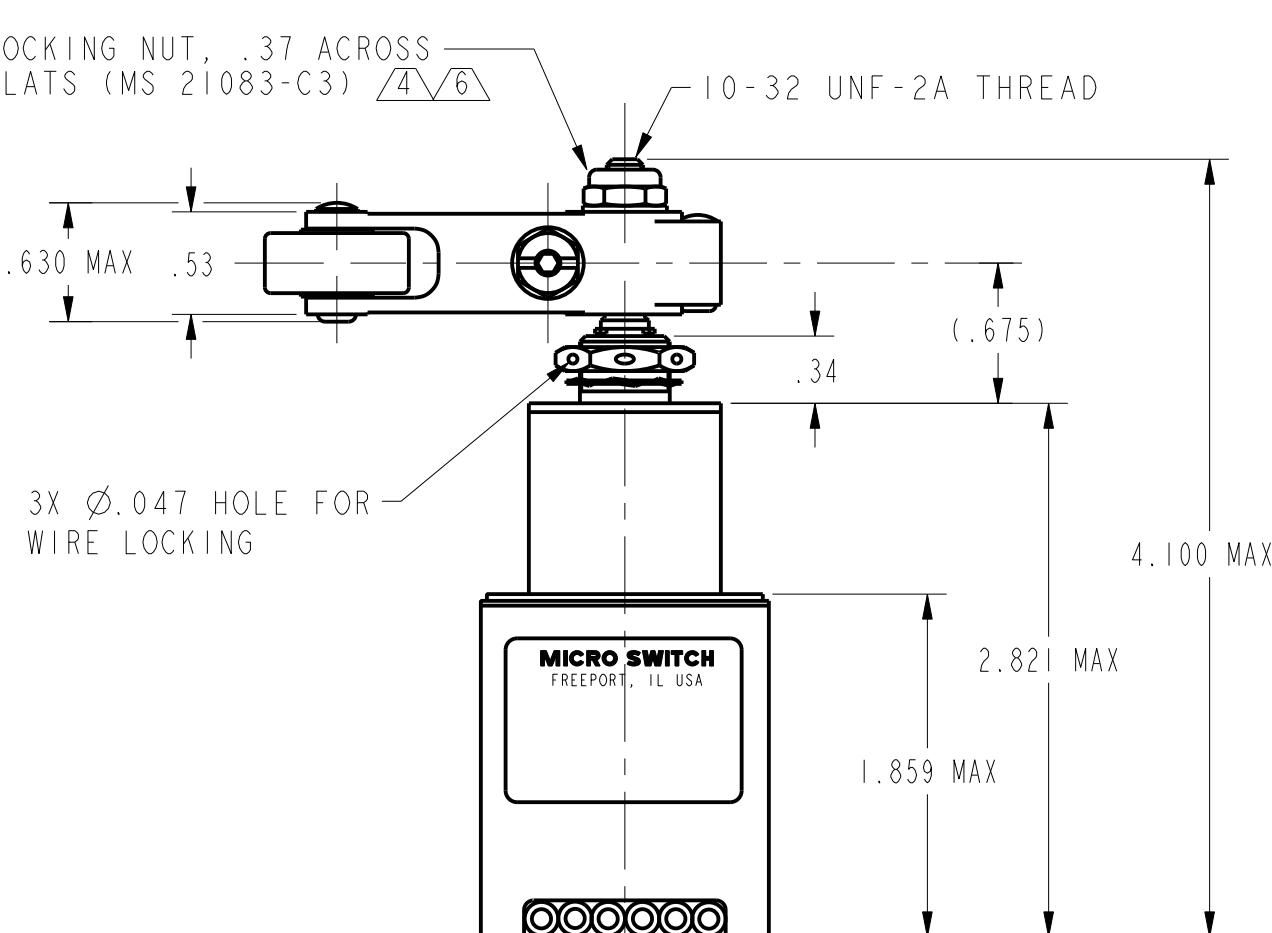
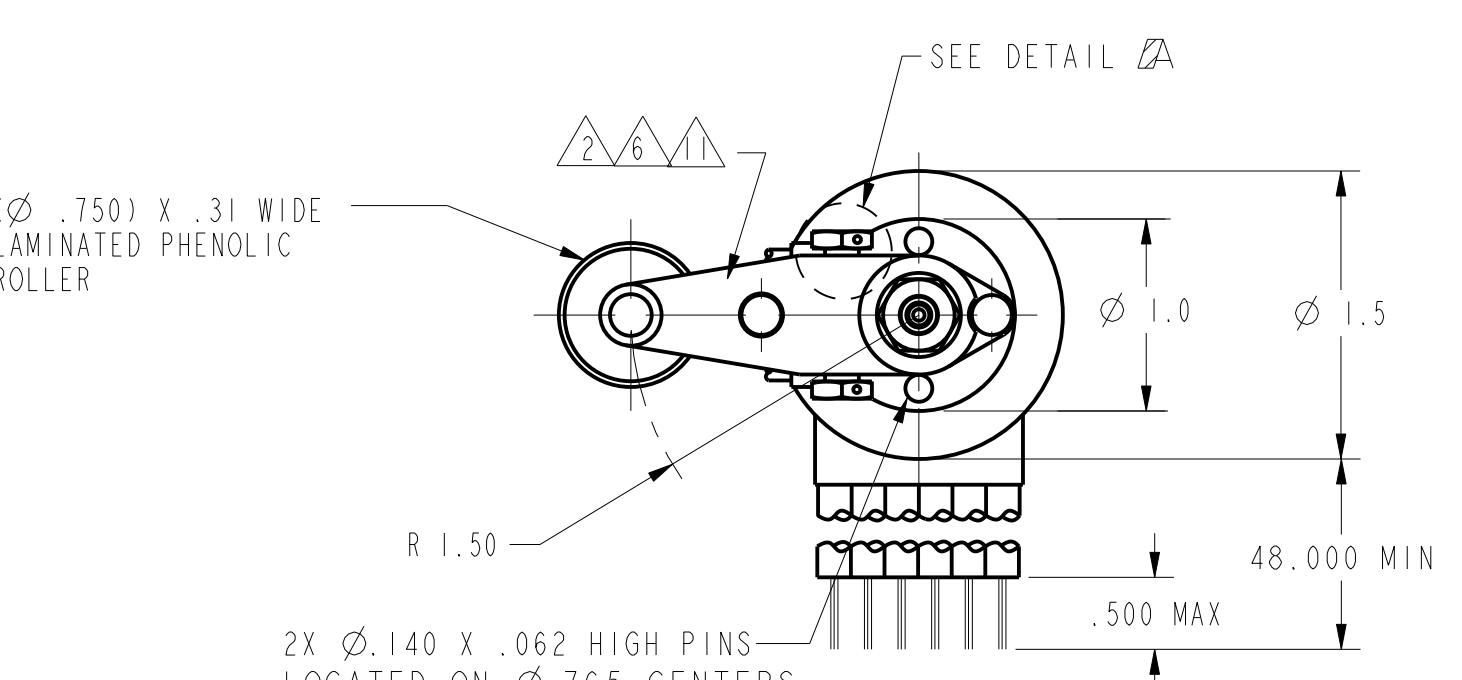


LEVER MAY BE ADJUSTED FOR AN INFINITE NUMBER OF POSITIONS THRU 360°. ADJUSTMENT IS MADE BY LOOSENING THE LOCKING NUT AND THEN THE LOCKSCREW AND TURNING GEAR UNTIL LEVER IS IN DESIRED POSITION. LOCKSCREW AND LOCKNUT ON SHAFT IS THEN TIGHTENED TO POSITIVELY LOCK LEVER IN POSITION.

DETAIL $\triangle A$ (2 PLACES)
SCALE 2 : 1



SPECIFICATION DETAILS:		
STANDARD:	CONFORMS TO MS21320-7 (MIL-PRF-8805/48), EXCEPT AS NOTED	
CONSTRUCTION:	ENCLOSURE DESIGN RESILIENT SEAL PER MIL-PRF-8805, SYMBOL 4	
CONTACT MATERIAL & CONFIGURATION	SMOOTH SILVER CONTACTS	
CIRCUIT CONFIGURATION	2 S.P.D.T.	
TERMINATION	LEADWIRES PER MIL-W-22759/7	
WEIGHT	11.8 OZ. MAX	
EXPOSED METALS	CORROSION RESISTANT STAINLESS STEEL I	
O-RING MATERIAL	SILICONE	
ELECTRICAL CHARACTERISTICS:		
ELECTRICAL RATINGS		
LOAD	SEA LEVEL 28 VDC	50,000 FT 28 VDC
- SEA LEVEL	RESISTIVE 10 AMP	10 AMP
- 50,000 FEET	INDUCTIVE 6 AMP	3 AMP
- 50,000 FEET	MOTOR 6 AMP	
DIELECTRIC STRENGTH & INSULATION RES		
(BASIC SWITCH)	DIELECTRIC STRENGTH (\approx 60 Hz FOR 5 SECONDS)	INSULATION RESISTANCE (500 VDC \pm 10%)
- BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL	1000 V Rms, 500 μ A (MAX LEAKAGE)	1000 Megohms MIN
- BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS	1000 V Rms, 500 μ A (MAX LEAKAGE)	1000 Megohms MIN
- BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE	1000 V Rms, 500 μ A (MAX LEAKAGE)	1000 Megohms MIN
SWITCH RESISTANCE		
	N/A	
RECOMMENDATION OR USE IN APPL LESS THAN .5 amps AND/OR 12 volts		
	NO $\triangle A$, $\triangle B$	
MECHANICAL CHARACTERISTICS:		
OPERATING TORQUE	12-25 IN-LBS	
RELEASE TORQUE	9 IN-LBS MIN (AS ADJUSTED)	
DIFFERENTIAL TRAVEL	SEE LEVER DETAIL	
OVERTRAVEL	SEE LEVER DETAIL	
FULL OVERTRAVEL TORQUE	40 IN-LBS MAX	
FREE POSITION	4 IN-LBS MIN (AFTER 25K OPS)	
PRETRAVEL	SEE LEVER DETAIL	
MOUNTING STRENGTH	15 IN-LBS	
ACTUATOR STRENGTH	10 LBS APPLIED IN A DIRECTION TO CAUSE SWITCH TO ACTUATE	
LIFE:		
MECHANICAL LIFE	25,000 MIN PER MIL-PRF-8805/48	$\triangle A$
ELECTRICAL LIFE AT FULL RATED LOAD	25,000 MIN PER MIL-PRF-8805/48	$\triangle A$
ENVIRONMENTAL:		
TEMPERATURE RANGE	-55° F TO +85° F	
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	
THERMAL SHOCK	PER MIL-PRF-8805	
SALT SPRAY	PER MIL-PRF-8805	

NOTES

- $\triangle 1$ UNLESS OTHERWISE NOTED
- $\triangle 2$ ALUMINUM DIE CAST LEVER
- $\triangle 3$ CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS.
- $\triangle 4$ DO NOT APPLY MORE THAN 20-25 INCH-POUNDS OF TORQUE WHEN TIGHTENING LOCKING NUT
- $\triangle 5$ CIRCUIT DIAGRAM, CATALOG LISTING AND DATE CODE ARE SHOWN ON NAMEPLATE
- $\triangle 6$ HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- $\triangle 7$ REPLACEMENT MOUNTING HARDWARE - PACKET 19PA10
- $\triangle 8$ WORM GEAR TO TURN WITH 6 IN-LBS MAX TORQUE WITH SCREWS LOCKED OUT TIGHT
- $\triangle 9$ 6X NO. 18 LEAD WIRE IN ACCORDANCE WITH MIL-W-22759/7, MARKED W/ SWITCH CIRCUIT IDENTIFICATION & WIRE GAGE (1-18, 2-18, ETC) PER MIL-W-5088
- $\triangle 10$ LIFE RATINGS ARE PER MIL-PRF-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA
- $\triangle 11$ REPLACEMENT LEVER 6PA205
- $\triangle 12$ TOTAL TRAVEL OF ROLLER LEVER IS $45^\circ \pm 3^\circ$ IN COUNTER CLOCKWISE DIRECTION ONLY, WITH SPRING RETURN TO NEUTRAL
- $\triangle 13$ LOCKWASHER IS CADMIUM PLATED STEEL
- $\triangle 14$ MICRO SWITCH RECOMMENDS MEASURING SWITCH RESISTANCE WITH THE 4-WIRE (VOLTAGE DROP) METHOD. SWITCH RESISTANCE NOT TO EXCEED 1% OF LOAD IMPEDANCE (600 μ A FOR 6VDC, 100mA)

THIRD ANGLE PROJECTION	
SCALE	2 : 1
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED	
TOLERANCES	
ONE PLACE	(.0) \pm .030
TWO PLACE	(.00) \pm .015
THREE PLACE	(.000) \pm .005
ANGLES	+
WEIGHT	

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