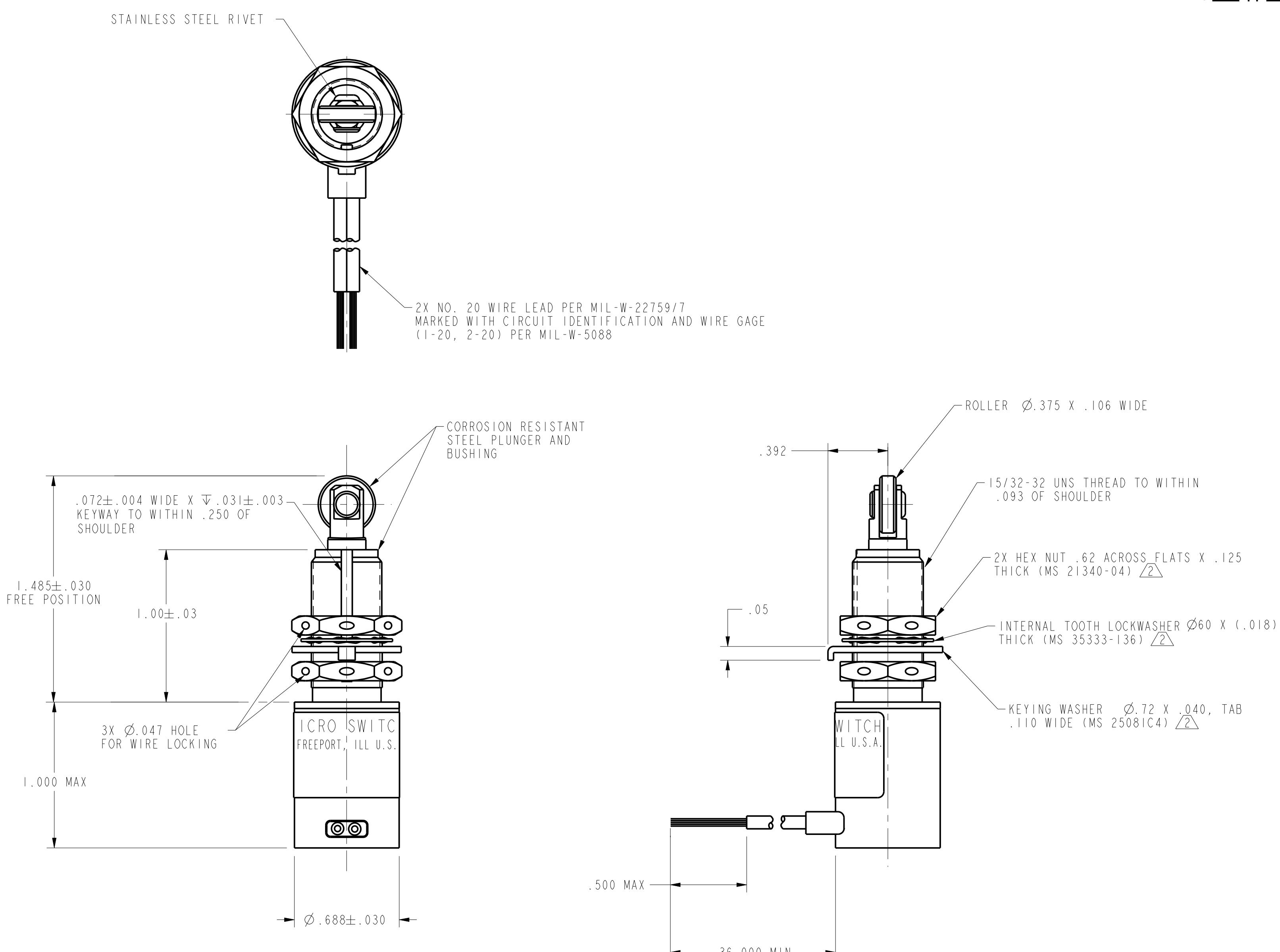




SPECIFICATION DETAILS:

STANDARD:	CONFORMS TO MS27240-3 (MIL-PRF-8805/43), EXCEPT AS NOTED				
CONSTRUCTION:	RESILIENT SEAL PER MIL-PRF-8805, SYMBOL 4				
ENCLOSURE DESIGN	SMOOTH SILVER CONTACTS				
CONTACT MATERIAL & CONFIGURATION	SPNC				
CIRCUIT CONFIGURATION	LEADWIRE PER MIL-W-22759/7				
TERMINATION	8.2 OZ MAX				
WEIGHT	SILICONE ELASTOMER				
O-RING MATERIAL	300 SERIES CORROSION RESISTANT STAINLESS STEEL				
EXPOSED METALS					
ELECTRICAL CHARACTERISTICS:					
ELECTRICAL RATINGS	VOLTAGE	RESISTIVE	LOAD		
-SEA LEVEL	28 VDC	7A	4A		
-SEA LEVEL	115VAC(400Hz)	5A	4A		
-50,000 FEET	28 VDC	7A	2.5A		
			N/A		
DIELECTRIC STRENGTH & INSULATION RESISTANCE	DIELECTRIC STRENGTH	INSULATION RESISTANCE			
-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL	≈ 60 Hz. FOR 5 SECONDS	(500 VDC ±10%)			
-BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS	1000 V Rms, 500μ A (MAX LEAKAGE)	1000 Megohms MIN			
-BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE	1000 V Rms, 500μ A (MAX LEAKAGE)	1000 Megohms MIN			
SWITCH RESISTANCE	N/A				
RECOMMENDATION OR USE IN APPLICATIONS LESS THAN .5 amps AND/OR 12 volts	NO				
MECHANICAL CHARACTERISTICS:					
CHARACTERISTICS:					
COINCIDENCE OF OPERATING AND RELEASING POINTS	N/A				
OPERATING FORCE	6-12 LBS				
FULL OVERTRAVEL FORCE	30 LB MAX				
RELEASE FORCE	4 LB MIN				
PRETRAVEL	.040 MAX				
DIFFERENTIAL TRAVEL	.020 MAX				
OVERTRAVEL	.125 MIN				
MOUNTING TORQUE	15 IN-LBS RECOMMENDED PER MIL-PRF-8805				
ACTUATOR STRENGTH	30 IN LBS MAX WILL NOT CAUSE SWITCH DAMAGE				
LIFE:	30 LBS APPLIED IN A DIRECTION TO CAUSE SWITCH ACTUATION				
MECHANICAL LIFE	25,000 MIN. PER MIL-PRF-8805/43				
ELECTRICAL LIFE AT FULL RATED LOAD	25,000 MIN. PER MIL-PRF-8805/43				
ENVIRONMENTAL:					
TEMPERATURE RANGE	-55 ° C TO +85 ° C				
ALTITUDE RANGE	SEA LEVEL TO 50,000 FEET				
SHOCK	PER MIL-PRF-8805 SYMBOL M - 100 g				
VIBRATION	PER MIL-PRF-8805 SYMBOL 2 - 10-2000 Hz, & 15 g peak				
MOISTURE RESISTANCE	PER MIL-PRF-8805 (10 DAY TEST)				
TERMAL SHOCK	PER MIL-PRF-8805 (5 CYCLE TEST)				
SALT SPRAY	PER MIL-PRF-8805 (96 HOUR TEST)				

1 - 2
CIRCUIT DIAGRAM



NOTES
 - CIRCUIT DIAGRAM, CATALOG LISTING, DATE CODE & FED MFG CODE SHOWN ON NAMEPLATE
 2 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
 3 - CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS
 4 - LIFE RATINGS ARE PER MIL-PRF-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA

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