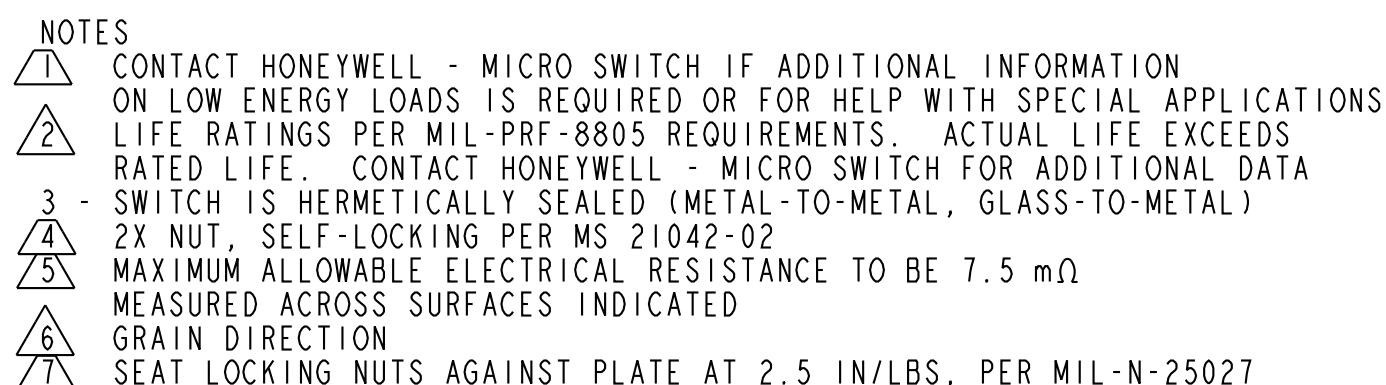
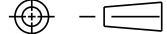




SPECIFICATION DETAILS:			
STANDARD:		CONFORMS TO MS27216-5 (MIL-PRF-8805/8) EXCEPT AS NOTED	
CONSTRUCTION:			
ENCLOSURE DESIGN		HERMETIC SEAL PER MIL-PRF-8805, SYMBOL 5	
CONTACT MATERIAL & CONFIGURATION		SMOOTH SILVER CONTACTS (GOLD PLATED)	
CIRCUIT CONFIGURATION			
TERMINATION		LEADWIRES PER	
WEIGHT		2.5 OZ MAX	
EXPOSED METALS		CORROSION RESISTANT STAINLESS STEEL	
ELECTRICAL CHARACTERISTICS:			
CONTACT ARRANGEMENT		S.P.D.T.	
ELECTRICAL RATINGS		VOLTAGE	RESISTIVE LOAD
			INDUCTIVE LOAD
-SEA LEVEL		28 VDC	3 AMP
-70,000 FEET		28 VDC	3 AMP
DIELECTRIC STRENGTH & INSULATION RES (BASIC SWITCH)		DIELECTRIC STRENGTH INSULATION RESISTANCE ($\approx$ 60 Hz FOR 5 SECONDS) (500 VDC $\pm$ 10%)	
-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL		1000 V Rms, 500 μ A (MAX LEAKAGE)	1000 Megohm MIN
-BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS		1000 V Rms, 500 μ A (MAX LEAKAGE)	1000 Megohm MIN
-BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE		1000 V Rms, 500 μ A (MAX LEAKAGE)	1000 Megohm MIN
SWITCH RESISTANCE		N/A	
RECOMMENDATION FOR USE IN APPL LESS THAN .5 amps AND/OR 12 volts		ACCEPTABLE 	
MECHANICAL CHARACTERISTICS:			
OPERATING FORCE		9 OZ MAX	
RELEASE FORCE		2 OZ MIN	
OVERTRAVEL		.030 MIN	
MOUNTING STRENGTH		N/A	
ACTUATOR STRENGTH		3 LBS APPLIED IN A DIRECTION TO CAUSE SWITCH ACTUATION	
LIFE:			
MECHANICAL LIFE		25,000 MIN, PER MIL-PRF-8805/8 	
ELECTRICAL LIFE AT FULL RATED LOAD		25,000 MIN, PER MIL-PRF-8805/8 	
ENVIRONMENTAL:			
TEMPERATURE RANGE		-54°C TO +125°C (-65°F TO +257°F)	
ALTITUDE RANGE		SEA LEVEL TO 70,000 FT	
SHOCK		PER MIL-PRF-8805 SYMBOL M-100g	
VIBRATION		PER MIL-PRF-8805 SYMBOL 2 - 10-2000 Hz & 15g PEAK	
MOISTURE RESISTANCE		PER MIL-PRF-8805	
THERMAL SHOCK		PER MIL-PRF-8805	
SALT SPRAY		PER MIL-PRF-8805	

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

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SWITCH - ASSEMBLY

CATALOG LISTING

38HM27

ANSI Y14.5M-1982 APPLIES

FED MEG CODE 91939