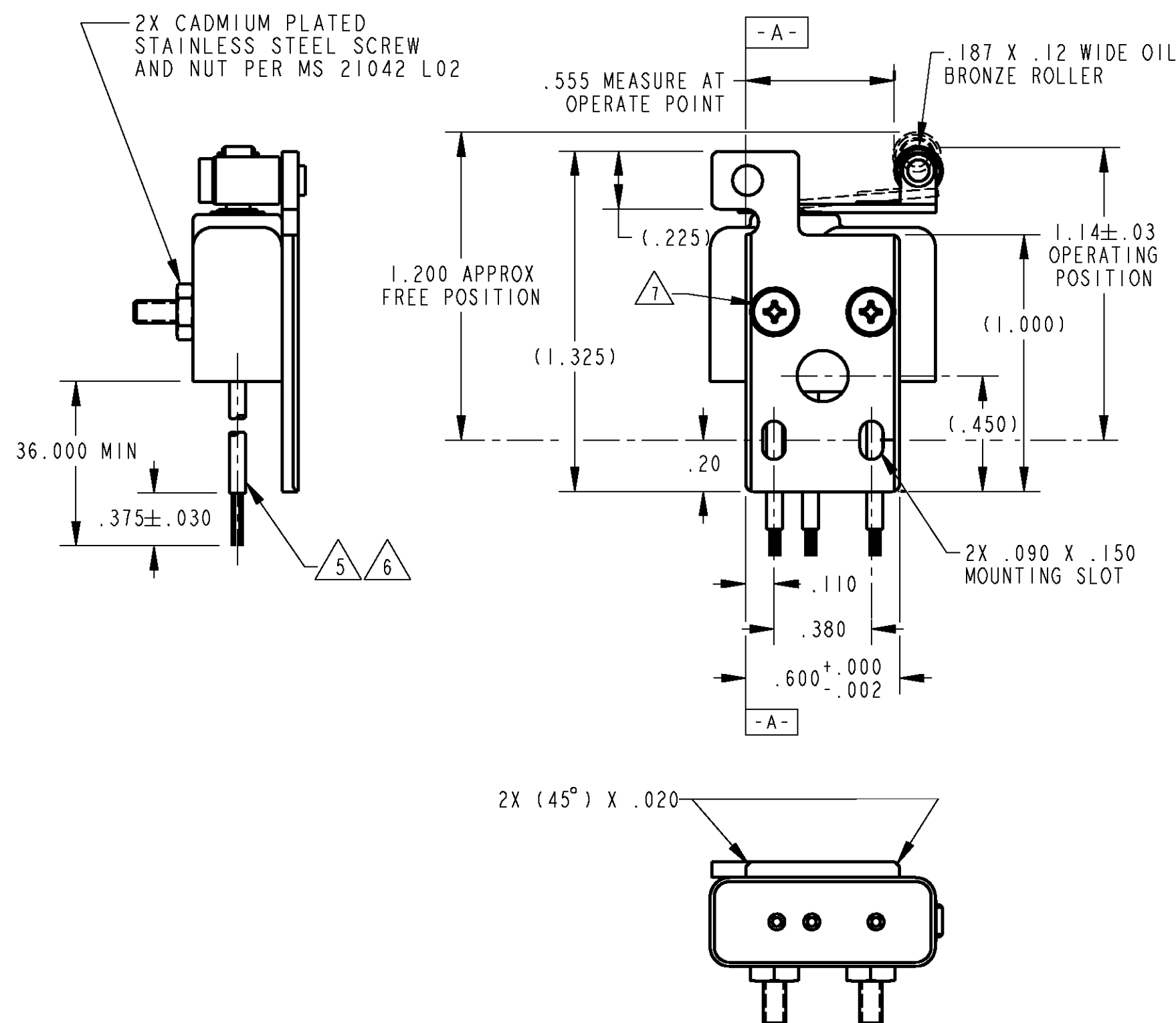
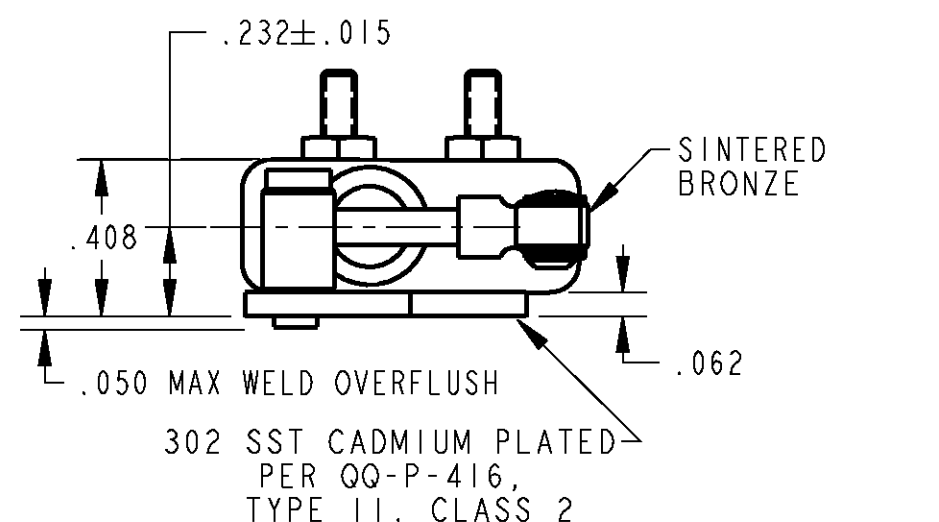




NOTES

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

2 PREFERRED, ACCEPTABLE, OR NOT RECOMMENDED

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

4 - ASSEMBLY INCLUDES AN SE TYPE BASIC SWITCH WITH GOLD CONTACTS AND SPECIAL ACTUATOR AND MOUNTING BRACKET

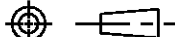
5 3X NO. 22 WIRE LEAD PER MIL-W-22759/11 MARKED WITH CIRCUIT IDENTIFICATION AND GAGE (C-22, NO-22, NC-22) AND EMBEDDED IN EPOXY CASTING RESIN

6 WIRE LEAD COLOR IS YELLOW TO INDICATE GOLD CONTACT SWITCH

7 2X SCREW HEADS UNDERFLUSH TO .010 MAX OVERFLUSH

8 AS MANUFACTURED SWITCH RESISTANCE SHOULD NOT EXCEED THE VALUE SPECIFIED WHEN MEASURED AT ACTUATOR FREE POSITION AND FULL OVERTRAVEL. A NEW SWITCH AS INSTALLED CARRYING APPLICATION LOADS SHOULD HAVE SWITCH RESISTANCE NOT EXCEEDING 1% OF THE LOAD IMPEDENCE. HONEYWELL-MICRO SWITCH VERIFIES SWITCH RESISTANCE USING THE FOUR WIRE VOLTAGE DROP METHOD. REFERENCE MIL-STD-202 METHOD 307 AND CIRCUIT DIAGRAM ABOVE

SPECIFICATION DETAILS:			
STANDARD:		CONFORMS TO MS27994-1 (MIL-S-8805/32), EXCEPT AS NOTED	
CONSTRUCTION:			
ENCLOSURE DESIGN		WATERTIGHT SEAL PER MIL-S-8805, SYMBOL 3	
CONTACT MATERIAL & CONFIGURATION		SMOOTH GOLD CONTACTS	
CIRCUIT CONFIGURATION		S.P.D.T.	
TERMINATION		LEADWIRES PER MIL-W-22759/11	
WEIGHT		2.0 OZ MAX	
EXPOSED METALS		CORROSION RESISTANT EXCEPT OIL BRONZE ROLLER	
ELECTRICAL CHARACTERISTICS:			
MAX ELECTRICAL RATINGS		VOLTAGE	RESISTIVE
-SEA LEVEL		28 VDC	1.0A
-50,000 FEET		28 VDC	1.0A
			INDUCTIVE
			0.5A
			0.5A
DIELECTRIC STRENGTH & INSULATION RESISTANCE		DIELECTRIC STRENGTH (60 Hz FOR 5 SECONDS)	INSULATION RESISTANCE (500 VDC ±10%)
-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL		1000 V Rms, 500μA MAX	1000 Megohms
-BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS		1000 V Rms, 500μA MAX	1000 Megohms
-BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE		1000 V Rms, 500μA MAX	1000 Megohms
SWITCH RESISTANCE		.7 OHMS MAX (MEASURED AT 6 VDC 100mA) 	
RECOMMENDATION FOR USE IN APPLICATIONS LESS THAN .5 amps AND/OR 12 volts 		PREFERRED 	
MECHANICAL CHARACTERISTICS:			
OPERATING FORCE		6 OZ MAX	
RELEASE FORCE		2 OZ MIN	
DIFFERENTIAL TRAVEL		.016 MAX	
OVERTRAVEL		.010 MIN	
MOUNTING STRENGTH		N/A	
ACTUATOR STRENGTH		N/A	
LIFE:			
MECHANICAL LIFE		25,000 MIN PER MIL-S-8805/32 	
ELECTRICAL LIFE AT FULL RATED LOAD		25,000 MIN PER MIL-S-8805/32 	
ENVIRONMENTAL:			
TEMPERATURE RANGE		-55° C TO +85° C	
ALTITUDE RANGE		SEA LEVEL TO 50,000 FEET	
SHOCK		PER MIL-S-8805, (SYMBOL M - 100 g)	
VIBRATION		PER MIL-S-8805, (SYMBOL 2 - 10-2000 Hz. & 15 g PEAK)	
MOISTURE RESISTANCE		PER MIL-S-8805, (10 DAY TEST)#	
THERMAL SHOCK		PER MIL-S-8805, (5 CYCLE TEST)	
SALT SPRAY		PER MIL-S-8805, (96 HOUR TEST)	
PREDICTED LIFE RATINGS BEYOND MIL-S-8805 REQUIREMENTS:			
MECHANICAL LIFE		150,000	
ELECTRICAL LIFE AT 28VDC. 350mA		150,000	

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

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