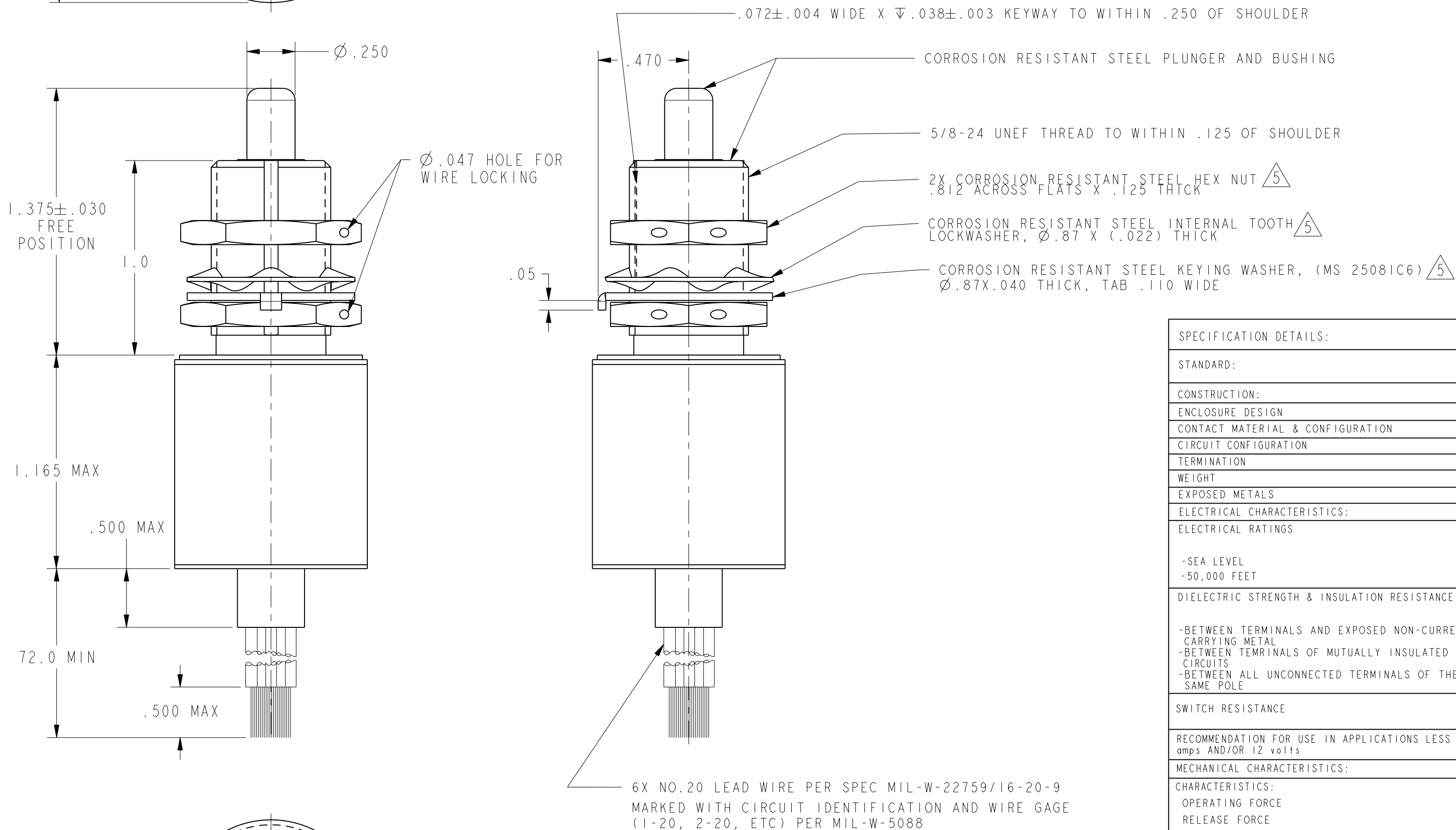
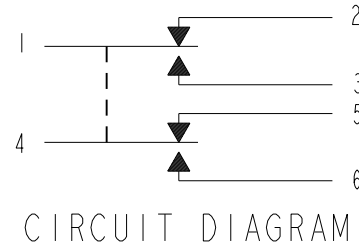


HONEYWELL
PART NUMBER
1HE242-6B

REV	DOCUMENT	CHANGED BY	CHECK
B	0043707	JA 16SEP08	ASD



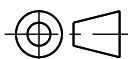
SPECIFICATION DETAILS:				
STANDARD:		CONFORMS TO M8805/80-01 (MIL-PRF-8805/80), EXCEPT AS NOTED		
CONSTRUCTION:				
ENCLOSURE DESIGN		HERMETIC SEAL PER MIL-PRF-8805, SYMBOL 5		
CONTACT MATERIAL & CONFIGURATION		GOLD BIFURCATED		
CIRCUIT CONFIGURATION		2 SPDT		
TERMINATION		LEADWIRES PER MIL-W-22759/16-20-9		
WEIGHT		7.5 OZ MAX		
EXPOSED METALS		CORROSION RESISTANT STEEL		
ELECTRICAL CHARACTERISTICS:				
ELECTRICAL RATINGS		VOLTAGE 28 VDC28 VDC RESISTIVE 1.0A1.0A LOAD INDUCTIVE 0.5A0.5A LAMP 0.2A0.2A		
-SEA LEVEL				
-50,000 FEET				
DIELECTRIC STRENGTH & INSULATION RESISTANCE		DIELECTRIC STRENGTHINSULATION RESISTANCE (≈ 60 Hz. FOR 5 SECONDS)(500 VDC ± 10%) 1000 Vrms, 500μA (MAX. LEAKAGE)1000 Megohms MIN		
-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL				
-BETWEEN TEMRINALS OF MUTUALLY INSULATED CIRCUITS				
-BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE				
SWITCH RESISTANCE		NOT TO EXCEED 1% OF APPLICATION LOAD IMPEDENCE OVER ELECTRICAL LIFE OF SWITCH		
RECOMMENDATION FOR USE IN APPLICATIONS LESS THAN .5 amps AND/OR 12 volts		YES 6		
MECHANICAL CHARACTERISTICS:				
CHARACTERISTICS:				
OPERATING FORCE		6-12 LBS		
RELEASE FORCE		4 LBS MIN		
FULL OVERTRAVEL FORCE		30 LBS MAX		
PRETRAVEL		.040 MAX		
DIFFERENTIAL TRAVEL		.020 MAX		
OVERTRAVEL		.250 MIN		
MOUNTING STRENGTH		15 IN-LBS RECOMMENDED BY MIL-PRF-8805 A		
ACTUATOR STRENGTH		30 LBS APPLIED IN A DIRECTION TO CAUSE SWITCH ACTUATION		
LIFE:				
MECHANICAL LIFE		100,000 MIN. PER MIL-PRF-8805/80		
ELECTRICAL LIFE AT FULL RATED LOAD		25,000 MIN. PER MIL-PRF-8805/80		
ENVIRONMENTAL:				
TEMPERATURE RANGE		-55°C TO +125°C		
ALTITUDE RANGE		SEA LEVEL TO 50,000 FEET		
SHOCK		PER MIL-PRF-8805 SYMBOL M - 100 g		
VIBRATION		PER MIL-PRF-8805 SYMBOL 2-10-2000Hz & 20g PEAK		
MOISTURE RESISTANCE		PER MIL-PRF-8805 PARA 3.19		
THERMAL SHOCK		PER MIL-PRF-8805 PARA 3.15		
SALT SPRAY		PER MIL-PRF-8805 PARA 3.21		

NOTES

- CORROSION RESISTANT STEEL ENCLOSURE
- SWITCH SEALED PER MIL-PRF-8805 SYMBOL 5
- COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 INCH OF PLUNGER TRAVEL
- CIRCUIT DIAGRAM, CATALOG LISTING, DATE CODE, FED.MFG. CODE ARE SHOWN ON SWITCH HOUSING
- HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS
- JAM NUT INSTALLATION TORQUE: 15-30 IN-LBS

DESIGN UNITS:	INCH		
TOLERANCES UNLESS NOTED:			
NO PLACES	X	±	0.000
ONE PLACE	.X	±	0.030
TWO PLACE	.XX	±	0.015
THREE PLACE	.XXX	±	0.005
FOUR PLACE	.XXXX	±	0.0005
ANGLES	X	±	2°

THIRD ANGLE PROJECTION



DRAWN	PM	25JAN05
CHECK	AK	29APR05
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INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY		

Pro/ENGINEER

SIZE	TYPE	DRAWING NAME	REV
C	I	1HE242-6B	B
SCALE	2:1	SHEET 1 OF 1	

Honeywell**SWITCH, ENCLOSED**