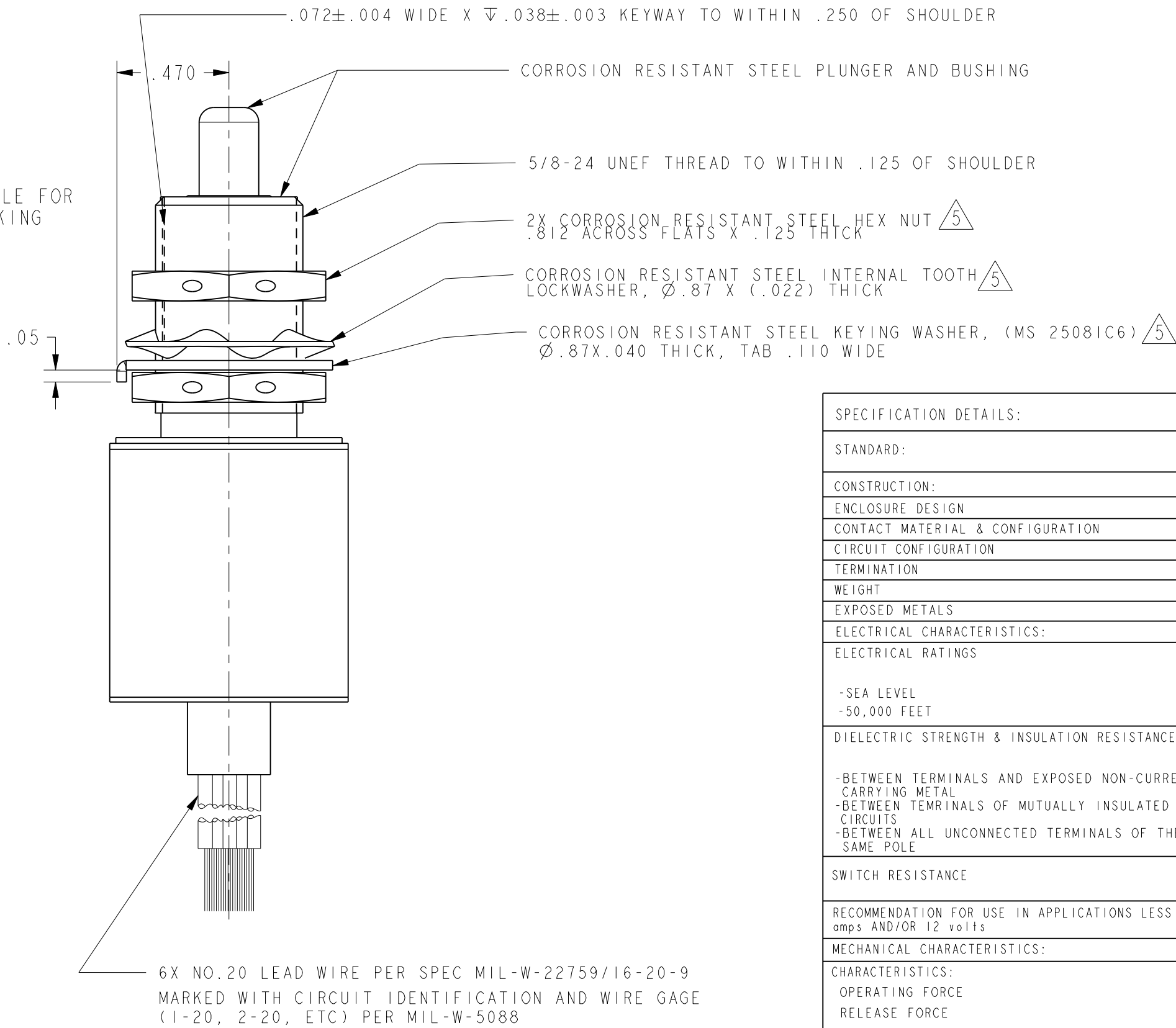
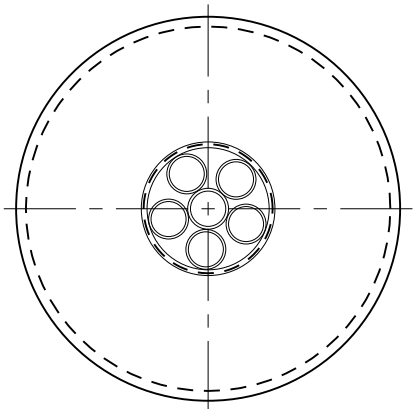
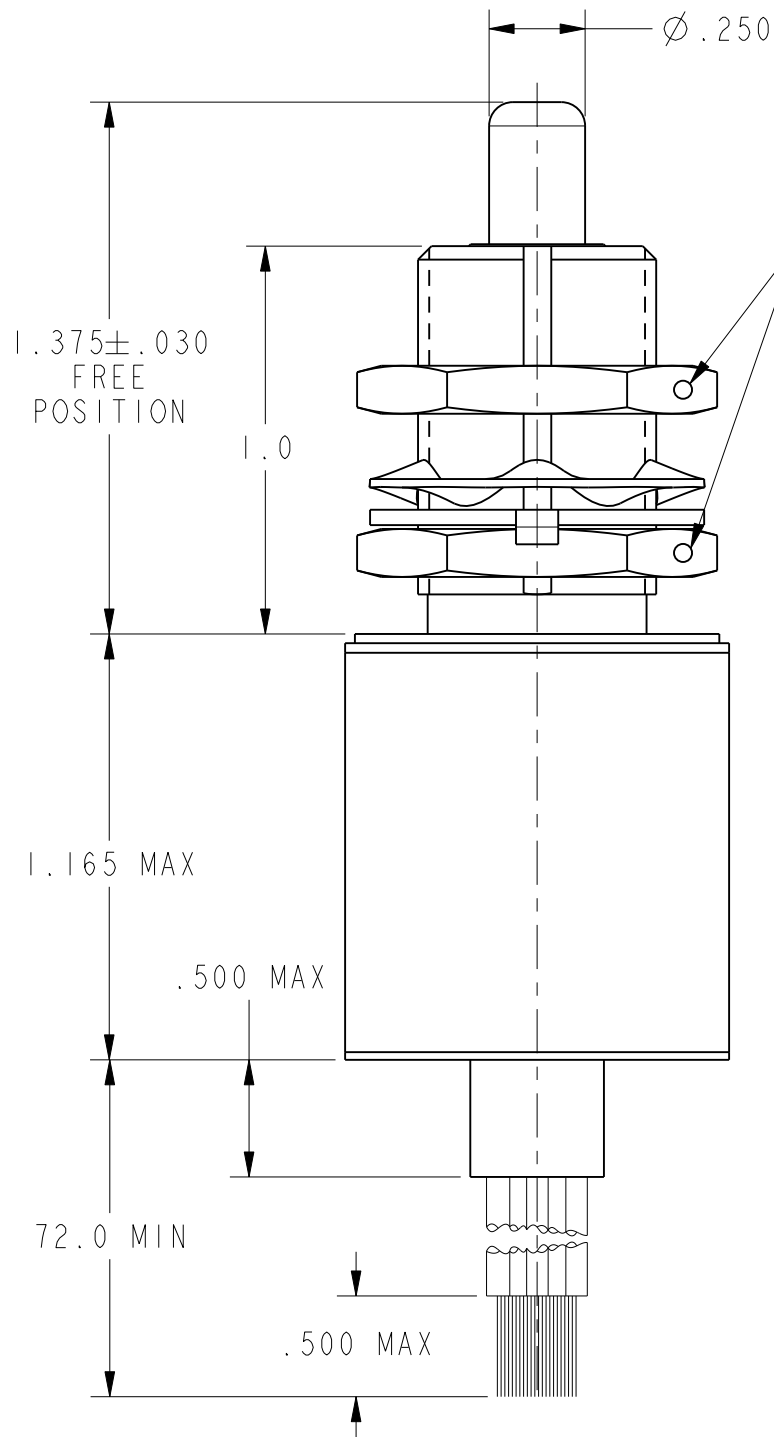
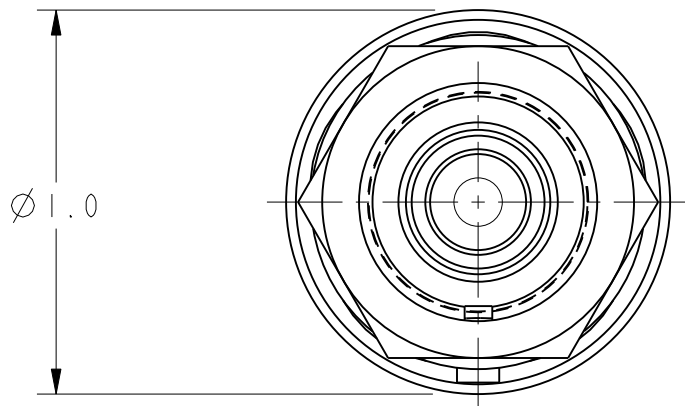
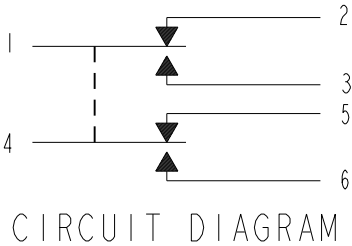


HONEYWELL
PART NUMBER
IHE242-6B

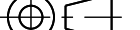
REV	DOCUMENT	CHANGED BY	CHECK
B	0043707	JA 16SEP08	ASD



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	RESISTIVE	LOAD INDUCTIVE LAMP
-SEA LEVEL		28 VDC	1.0A	0.5A 0.2A
-50,000 FEET		28 VDC	1.0A	0.5A 0.2A
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 Vrms, 500μA (MAX. LEAKAGE)		1000 Megohms MIN
-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		
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		
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

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

DESIGN UNITS: INCH				DRAWN	PM	25JAN05	Honeywell			
TOLERANCES UNLESS NOTED:				CHECK	A-K	29APR05				
NO PLACES	X	±	0.000	THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.			TITLE SWITCH, ENCLOSED			
ONE PLACE	.X	±	0.030							
TWO PLACE	.XX	±	0.015							
THREE PLACE	.XXX	±	0.005							
FOUR PLACE	.XXXX	±	0.0005							
ANGLES	X	±	2°	INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY			SIZE	TYPE	DRAWING NAME	REV
THIRD ANGLE PROJECTION				Pro/ENGINEER 3D			C	I	IHE242-6B	B
							SCALE	2:1	SHEET	1 OF 1