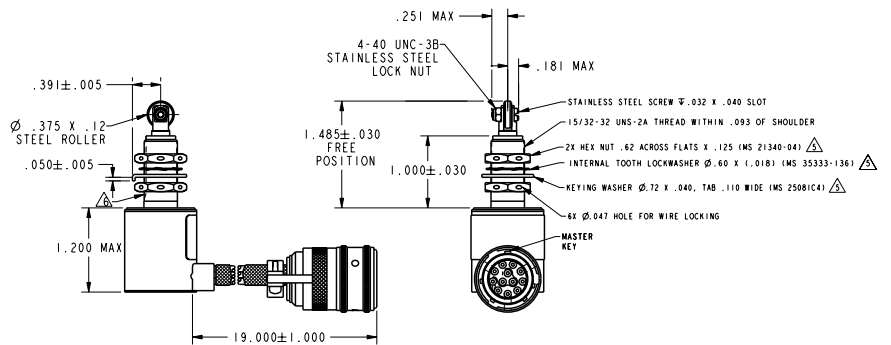
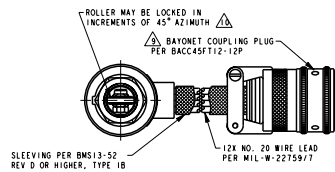
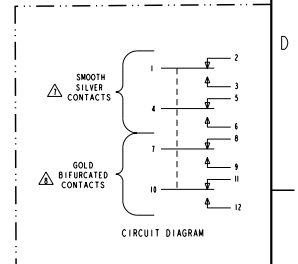


FO-55112-B

4	3	2
HONEYWELL PART NUMBER 624EN338-R FAA-PMA		

REV	DOCUMENT	CHANGED BY	CHECK
9	0011614	KSR	04MAR05 AK
10	0014321	JM/AP	28JUL05 PH/AP

SPECIFICATION DETAILS:	
STANDARD:	CONFORMS TO MS27240-4 (MIL-PRF-8805/43), EXCEPT AS NOTED
CONSTRUCTION:	PER CIRCUIT DIAGRAM
ENCLOSURE DESIGN:	RESILIENT SEAL PER MIL-PRF-8805, SYMBOL 4
CONTACT MATERIAL & CONFIGURATION:	4X SPDT
CIRCUIT CONFIGURATION:	LEADWIRE PER MIL-W-22759/7
TERMINATION:	CONNECTOR: BACC45F112-12P
WEIGHT:	8 OZ MAX
EXPOSED METALS:	CORROSION RESISTANT STAINLESS STEEL
ELECTRICAL CHARACTERISTICS	
CONTACT ARRANGEMENT: 4X S P D T	
RATINGS APPLY TO CIRCUITS 7-12	
SEA LEVEL	50,000 FT
LOAD 28 VDC	30 mVDC PEAK AC
SWDC	28 VDC
SWDC	28 VDC
RES	1.8
IMP	0.5
RATINGS APPLY TO CIRCUITS 1-6	
SEA LEVEL	50,000 FT
LOAD 28 VDC	28 VDC
SWDC	28 VDC
RES	1.8
IMP	0.5
DIELECTRIC STRENGTH & INSULATION RESISTANCE	
DIELECTRIC STRENGTH (1000 V Rms, 500 μA (MAX LEAKAGE))	
INSULATION RESISTANCE (1000 VDC ±10%)	
SWITCH RESISTANCE	
RECOMMENDATION OR USE IN APPLICATIONS LESS THAN .5 AMP AND/OR 12 VOLTS	
MECHANICAL CHARACTERISTICS:	
CHARACTERISTICS:	
COINCIDENCE OF OPERATING AND RELEASING POINTS	
OPERATING FORCE	
FULL OVERTRAVEL FORCE	
RELEASE FORCE	
PRETRAVEL	
DIFFERENTIAL TRAVEL	
OVERTRAVEL	
MOUNTING STRENGTH	
ACTUATOR STRENGTH	
LIFE:	
MECHANICAL LIFE	
ELECTRICAL LIFE AT FULL RATED LOAD	
ENVIRONMENTAL:	
TEMPERATURE RANGE	
ALTITUDE RANGE	
SHOCK	
VIBRATION	
MOISTURE RESISTANCE	
THERMAL SHOCK	
SALT SPRAY	



- NOTES
- SWITCH RESISTANCE = SWITCH CONTACT RESISTANCE + LEAD LENGTH (OHMS/FT). SWITCH CONTACT RESISTANCE SHALL NOT EXCEED .025 OHM INITIALLY AND .040 OHM AFTER MECHANICAL ENDURANCE TEST; AFTER ELECTRICAL ENDURANCE, THE SWITCH RESISTANCE SHALL NOT EXCEED 1% OF THE LOAD IMPEDANCE USING ELECTRICAL PARAMETERS OF THE ELECTRICAL ENDURANCE TEST LOAD. LEAD WIRE RESISTANCE = .015 OHM/FT.
 - CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS.
 - LIFE RATINGS ARE PER MIL-PRF-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA.
 - 4 - CIRCUIT DIAGRAM, CATALOG LISTING, DATE CODE, FED MFG CODE AND FAA-PMA ON NAMEPLATE.
 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805.
 - KEYWAY .072±.004 WIDE X .031±.003 DEEP TO WITHIN .250 OF SHOULDER.
 - 15X TYPE BASIC SWITCH.
 - 125X TYPE BASIC SWITCH.
 - FURNISHED WITH SNUG FITTING DUST CAP.
 - TO ADJUST ROLLER DIRECTION, REMOVE LOCKNUT, SCREW, AND ROLLER. DEPRESS PLUNGER UNTIL IT CAN BE ROTATED TO DESIRED POSITION. RETURN PLUNGER TO FREE POSITION AND RE-ASSEMBLE ROLLER.
 - MATES WITH BACC45F112-12S FOR MANUFACTURING DETAILS SEE ASSEMBLY DRAWING 624EN338-R FOR FAA-PMA.

DESIGN UNITS: INCH	DRAWN: GLH	13FEB02	Honeywell TITLE SWITCH - ENCLOSED
TOLERANCES UNLESS NOTED:	CHECK: SAV	13FEB02	
NO PLACE .X ±	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.		SIZE: C TYPE: I DRAWING NAME: 624EN338-R REV: 10
ONE PLACE .X ±	INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY		
TWO PLACE .XX ±	Pro/ENGINEER		SHEET 1 OF 1
THREE PLACE .XXX ±	2D SCALE 2:1		
FOUR PLACE .XXXX ±			
ANGLES X ±			