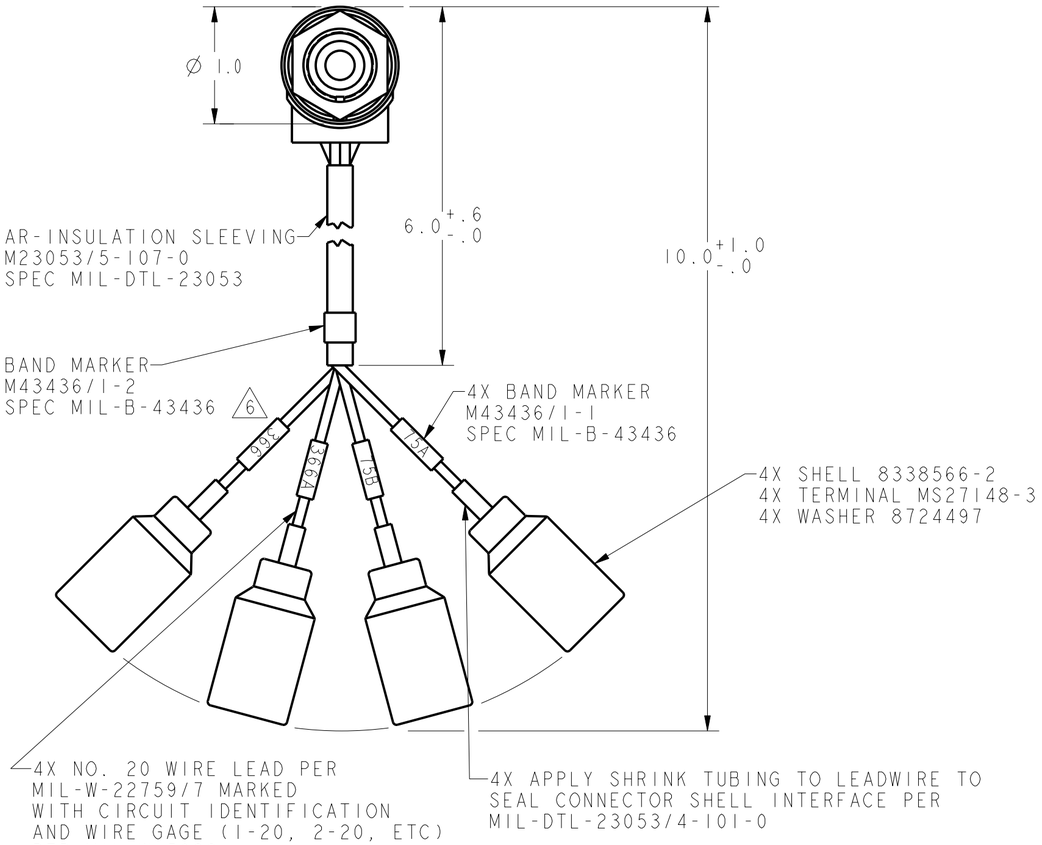
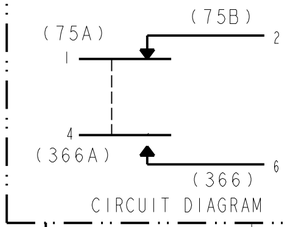


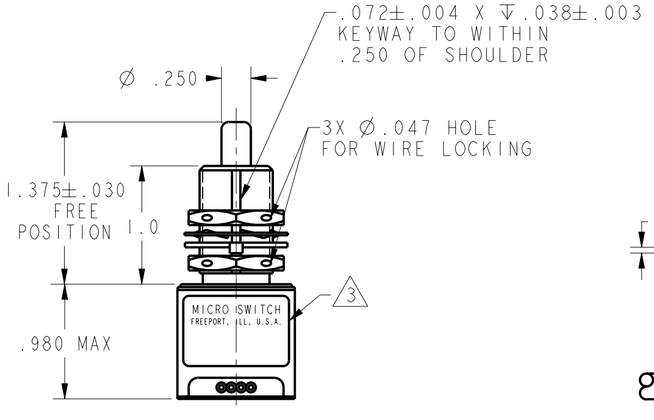


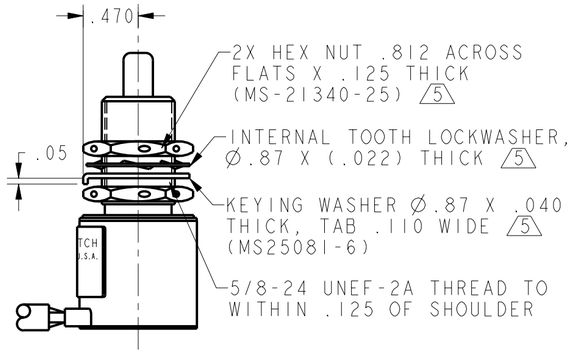
CIRCUIT DIAGRAM

LEADWIRE #	LABEL
1	75A
2	75B
3 NOT ATTACHED	-
4	366A
5 NOT ATTACHED	-
6	366

1EN618

SPECIFICATION DETAILS:					
STANDARD:	CONFORMS TO MS24331-1 (MIL-PRF-8805/40)				
CONSTRUCTION:					
ENCLOSURE DESIGN	RESILIENT SEAL PER MIL-PRF-8805, SYMBOL 4				
CONTACT MATERIAL & CONFIGURATION	SMOOTH SILVER CONTACTS				
CIRCUIT CONFIGURATION	2 SPST				
TERMINATION	LEADWIRE PER MIL-W-22759/7				
WEIGHT	.46 LB				
EXPOSED METALS	CORROSION RESISTANT STAINLESS STEEL (UNLESS OTHERWISE SPECIFIED)				
O-RING MATERIAL	SILICONE				
ELECTRICAL CHARACTERISTICS:					
ELECTRICAL RATINGS		VOLTAGE	RESISTIVE	LOAD INDUCTIVE	MOTOR
	-SEA LEVEL	28 VDC	4A	2A	4A
	-50,000 FEET	28 VDC	4A	2A	4A △4
DIELECTRIC STRENGTH & INSULATION RES		DIELECTRIC STRENGTH (≈ 60 Hz FOR 5 SEC)		INSULATION RESISTANCE (500 VDC ±10%)	
	-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL	1000V RMS, 500μA (MAX LKG)		1000 MEGOHM MIN	
	-BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS	1000V RMS, 500μA (MAX LKG)		1000 MEGOHM MIN	
	-BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE	1000V RMS, 500μA (MAX LKG)		1000 MEGOHM MIN	
SWITCH RESISTANCE	N/A				
RECOMMENDATION OR USE IN APPL LESS THAN .5 amps AND/OR 12 volts	NO △2				
MECHANICAL CHARACTERISTICS:					
COINCIDENCE OF OPERATING AND RELEASING POINTS	.010 OF PLUNGER TRAVEL				
OPERATING FORCE	6-12 LBS				
FULL OVERTRAVEL FORCE	30 LB MAX				
RELEASE FORCE	4 LB MIN				
PRETRAVEL	.040 MAX				
DIFFERENTIAL TRAVEL	.020 MAX				
OVERTRAVEL	.250 MIN				
MOUNTING STRENGTH	15 IN-LBS				
ACTUATOR STRENGTH	30 LBS APPLIES IN A DIRECTION TO CAUSE SWITCH ACTUATION				
LIFE:					
MECHANICAL LIFE	25,000 MIN				
ELECTRICAL LIFE AT FULL RATED LOAD	PER MIL-PRF-8805/40 △1				
ENVIRONMENTAL:					
TEMPERATURE RANGE	-55° C TO +85° C				
ALTITUDE RANGE	SEA LEVEL TO 50,000 FT				
SHOCK	PER MIL-PRF-8805 SYM M-100g				
VIBRATION	PER MIL-PRF-8805 SYM I-10-500 Hz & 10g PEAK				
MOISTURE RESISTANCE	PER MIL-PRF-8805				
THERMAL SHOCK	PER MIL-PRF-8805				
SALT SPRAY	PER MIL-PRF-8805				





NOTES
△1 LIFE RATINGS ARE PER MIL-PRF-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO FOR ADDITIONAL DATA
△2 CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIED APPLICATIONS
△3 CIRCUIT DIAGRAM, CATALOG LISTING, DATE CODE AND CUSTOMER PART NUMBER 12349869 ON NAMEPLATE
△4 APPLICATION INFORMATION ONLY
△5 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
△6 METAL STAMP, ENGRAVE OR ELECTRIC ARC PENCIL ON BAND MARKER IN .12-.19 HIGH CHARCTERS PER MIL-STD-130 19207-12349869 AND MANUFACTURING CAGE CODE. (PRIME MANUFACTURER SUPPLIER FURNISHING TO GOVERNMENT)

REVISIONS
A 200426 G J W 18 MAY 00

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DRAWN TSM 13OCT99 CHECK JAF 13OCT99 CHECK CHECK CHECK
PTC/CAD/2D

THIRD ANGLE PROJECTION

SCALE FULL

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 - ENCLOSED

CATALOG LISTING
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ANSI Y14.5M-1982 APPLIES