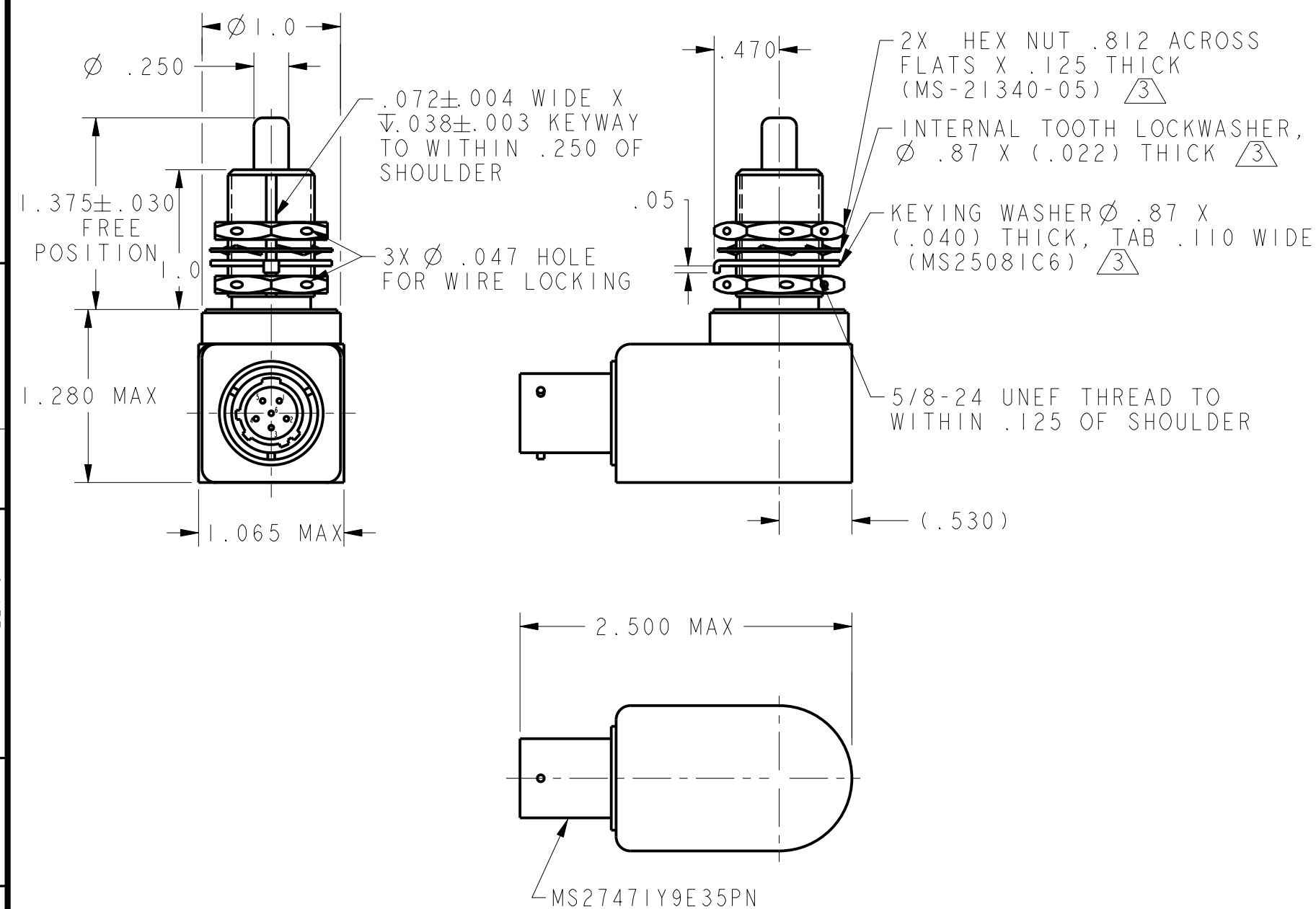
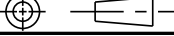




NOTES

- ① RATING APPLIES TO CIRCUIT 1-2-3
- ② RATING APPLIES TO CIRCUIT 4-5-6
- ③ REPLACEMENT MOUNTING HARDWARE - PACKET 19PA8
- 4 - PLUNGER SEAL MATERIAL - FLUOROSILICONE
- ⑤ SWITCH RESISTANCE = SWITCH CONTACT RESISTANCE AND INTERCONNECT LEADS AND CONNECTOR PINS. SWITCH CONTACT RESISTANCE SHALL NOT EXCEED .025 Ω INITIALLY AND .040 Ω AFTER MECHANICAL ENDURANCE TEST. AFTER ELECTRICAL ENDURANCE, THE SWITCH CONTACT RESISTANCE SHALL NOT EXCEED 1% OF THE LOAD IMPEDANCE USING THE ELECTRICAL PARAMETERS OF THE ELECTRICAL ENDURANCE LOAD. LEAD-WIRE AND CONNECTOR RESISTANCE = .050 Ω MAX
- ⑥ LIFE RATINGS ARE PER MIL-PRF-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA
- 7 - CIRCUIT DIAGRAM, CATALOG LISTING, FED. MFG. CODE AND DATE CODE ARE PERMANENTLY MARKED ON SIDE OF HOUSING
- ⑧ HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- ⑨ CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATION

		M		1EN329-R																									
SPECIFICATION DETAILS:																													
STANDARD:		CONFORMS TO MS24331-1 (MIL-PRF-8805/40), EXCEPT AS NOTED																											
CONSTRUCTION:																													
ENCLOSURE DESIGN		WATERTIGHT SEAL PER MIL-PRF-8805, SYMBOL 3																											
CONTACT MATERIAL & CONFIGURATION		SMOOTH SILVER CONTACTS & SMOOTH GOLD CONTACT																											
CIRCUIT CONFIGURATION		2 SPDT																											
TERMINATION		CONNECTOR PER MS27471Y9E35PN																											
WEIGHT		.46 LB MAX																											
EXPOSED METALS		CORROSION RESISTANT STAINLESS STEEL																											
ELECTRICAL CHARACTERISTICS:																													
ELECTRICAL RATINGS		<table><tr><td>VOLTAGE</td><td colspan="2">RESISTIVE</td><td colspan="2">LOAD INDUCTIVE</td><td>MOTOR</td></tr><tr><td></td><td> 2 </td><td> 1 </td><td> 2 </td><td> 1 </td><td> 2 </td></tr><tr><td>28 VDC</td><td>4</td><td>1</td><td>2</td><td>.5</td><td>4</td></tr><tr><td>28 VDC</td><td>4</td><td>1</td><td>2</td><td>.5</td><td></td></tr></table>				VOLTAGE	RESISTIVE		LOAD INDUCTIVE		MOTOR		2	1	2	1	2	28 VDC	4	1	2	.5	4	28 VDC	4	1	2	.5	
VOLTAGE	RESISTIVE		LOAD INDUCTIVE		MOTOR																								
	2	1	2	1	2																								
28 VDC	4	1	2	.5	4																								
28 VDC	4	1	2	.5																									
-SEA LEVEL -50,000 FEET																													
DIELECTRIC STRENGTH & INSULATION RESISTANCE		<table><tr><td colspan="2">DIELECTRIC STRENGTH</td><td colspan="2">INSULATION RESISTANCE</td></tr><tr><td colspan="2">≈ 60 Hz. FOR 5 SECONDS) (MAX LEAKAGE)</td><td colspan="2">(500 VDC ±10%)</td></tr><tr><td colspan="2">1000 V Rms, 500μ. A</td><td colspan="2">1000 Megohms MIN</td></tr><tr><td colspan="2">1000 V Rms, 500μ. A</td><td colspan="2">1000 Megohms MIN</td></tr><tr><td colspan="2">1000 V Rms, 500μ. A</td><td colspan="2">1000 Megohms MIN</td></tr></table>				DIELECTRIC STRENGTH		INSULATION RESISTANCE		≈ 60 Hz. FOR 5 SECONDS) (MAX LEAKAGE)		(500 VDC ±10%)		1000 V Rms, 500μ. A		1000 Megohms MIN		1000 V Rms, 500μ. A		1000 Megohms MIN		1000 V Rms, 500μ. A		1000 Megohms MIN					
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-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL -BETWEEN TEMRINALS OF MUTUALLY INSULATED CIRCUITS -BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE																													
SWITCH RESISTANCE		CIRCUIT 1-3 5 ; CIRCUIT 4-6 N/A																											
RECOMMENDATION OR USE IN APPLICATIONS LESS THAN .5 amps AND/OR 12 volts		NO 9 CIRCUIT 4-6 YES 9 CIRCUIT 1-3																											
MECHANICAL CHARACTERISTICS:																													
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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																											
COINDICENCE OF OPERATING & RELEASE POINTS		.010 OF PLUNGER TRAVEL																											
MOUNTING STRENGTH		15 IN-LBS																											
ACTUATOR STRENGTH		30 LBS APPLIED IN A DIRECTION TO CAUSE SWITCH ACTUATION																											
LIFE:																													
MECHANICAL LIFE		25,000 MIN. PER MIL-PRF-8805/40 6																											
ELECTRICAL LIFE AT FULL RATED LOAD		25,000 MIN. PER MIL-PRF-8805/40 6																											
ENVIRONMENTAL:																													
TEMPERATURE RANGE		-55 C TO +85 C																											
ALTITUDE RANGE		SEA LEVEL TO 50,000 FEET																											
SHOCK		PER MIL-PRF-8805 SYMBOL M - 100 g																											
VIBRATION		PER MIL-PRF-8805 SYMBOL I- 10-500 Hz.& 10 g peak																											
MOISTURE RESISTANCE		PER MIL-PRF-8805 (10 DAY TEST)																											
THERMAL SHOCK		PER MIL-PRF-8805 (5 CYCLE TEST)																											
SALT SPRAY		PER MIL-PRF-8805 (96 HOUR TEST)																											

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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FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING

1EN329-R

ANSI Y14.5M-1982 APPLIES