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DWG NO. DME-3 SH _ REV _

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APP

NOTES

INPUT POWER:
 5 TO 30 VDC, 25 MA MAX. @ 30VDC
 REVERSE POLARITY PROTECTED

PULSE OUTPUT:
 SUPPLY TRACKING
 LOGIC 0: ≤ 0.35 VDC @ 15V
 ≤ 0.8 VDC @ 30V
 LOGIC 1: $(VS \times RL)/(RL+2200)$

AIR GAP:
 UP TO 0.118" DEPENDENT ON TARGET GEOMETRY AND SENSOR CONSTRUCTION

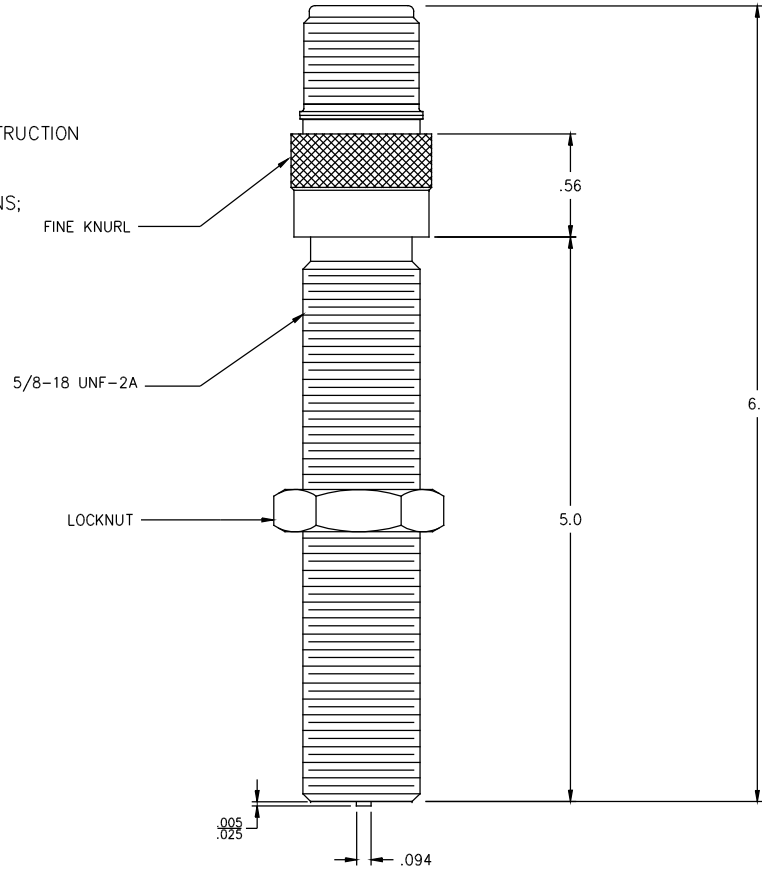
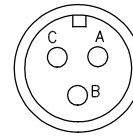
ELECTRICAL CONNECTION:
 THREE (3) PIN MIL-C-5015 TYPE CONNECTOR WITH GOLD PLATED PINS;
 MATES WITH MS3106-10SL-3S

WIRING DETAILS:
 PIN A = DC POWER INPUT
 PIN B = COMMON
 PIN C = PULSE OUTPUT

TEMPERATURE RANGE:
 OPERATING: -40°C TO 125°C

PHYSICAL FEATURES:
 BODY MATERIAL: 300 SERIES STAINLESS STEEL

CE COMPLIANT TO EMC DIRECTIVE 2004/108/EC FOR USE IN RESIDENTIAL
 COMMERCIAL, LIGHT INDUSTRIAL AND HEAVY INDUSTRIAL ENVIRONMENTS.



		MATERIAL	APPROVALS		MOTION SENSORS, INC. ELIZABETH CITY, NC 27909 TITLE OUTLINE DRAWING, EMI HARDENED ACTIVE MAG SENSOR 5" THREAD LENGTH		
		300 SERIES STAINLESS STEEL	DRAWN	N. MEADOWS		DATE	11/28/11
			CHECK	M. BERGMAN		DATE	11/28/11
		FINISH	ISSUED	JDEFEO		DATE	11/28/11
		CONFIDENTIAL PROPERTY OF MOTION SENSORS, INC. (MSI) NOT TO BE DISCLOSED TO OTHERS, REPRODUCED, OR USED FOR ANY OTHER PURPOSE, EXCEPT AS AUTHORIZED IN WRITING, BY MSI. MUST BE RETURNED ON DEMAND.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES OTHER THAN THE SIZE OF RAW MATERIAL SHALL BE HELD AS FOLLOWS: 2 PLACE DECIMAL $\pm .01$ 3 PLACE DECIMAL $\pm .005$ FRACTIONAL $\pm 1/64$ ANGULAR $\pm 1/2^\circ$			
NEXT ASSY	USED ON			SIZE	CAGE CODE	DWG NO.	REV
APPLICATION				C	OY2U4	DME-3	-
				SCALE	NONE		SHEET

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