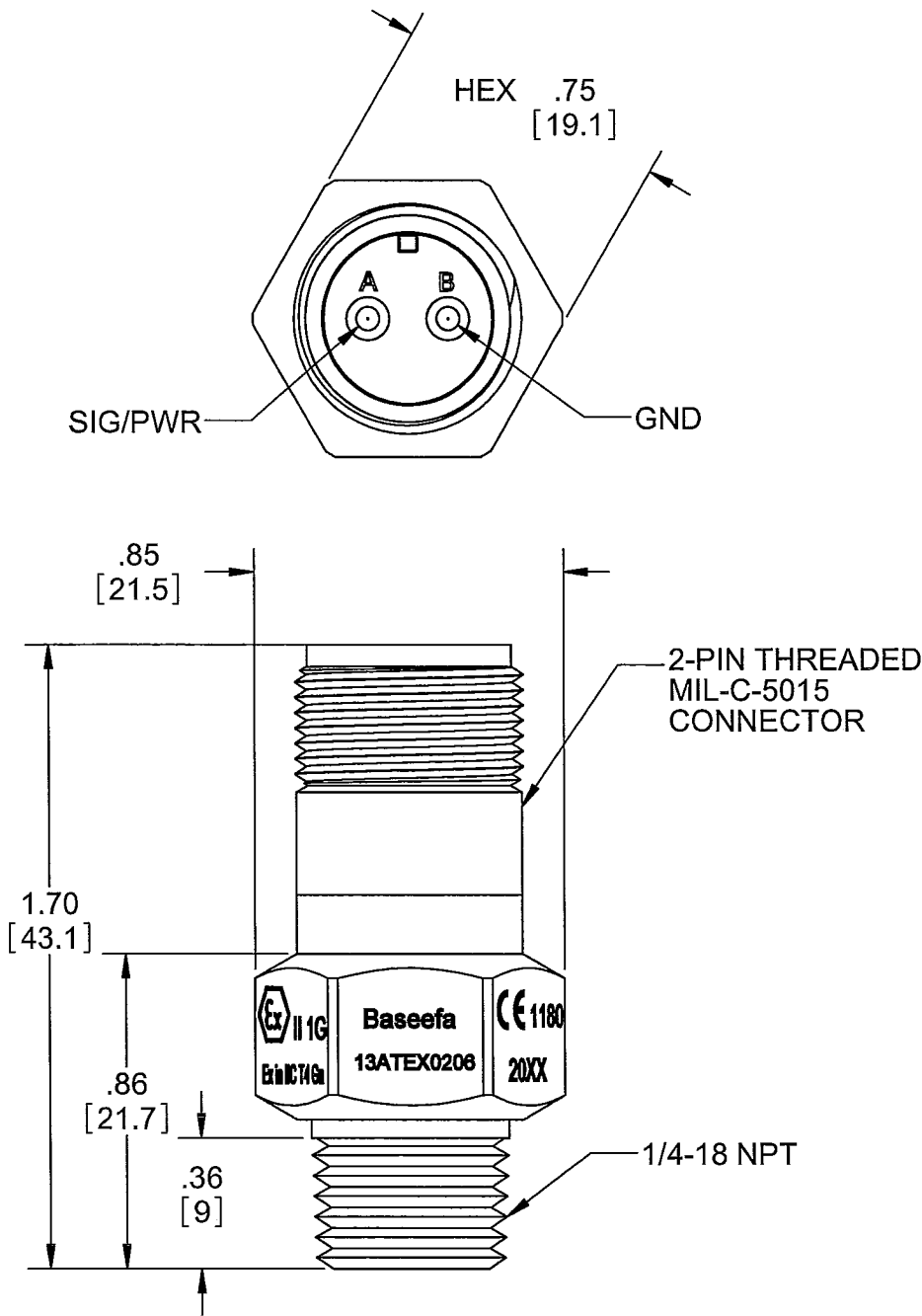


PROPRIETARY AND CONFIDENTIAL

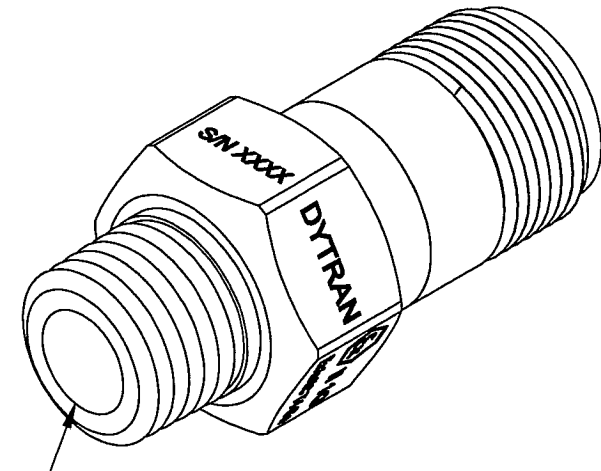
REVISIONS

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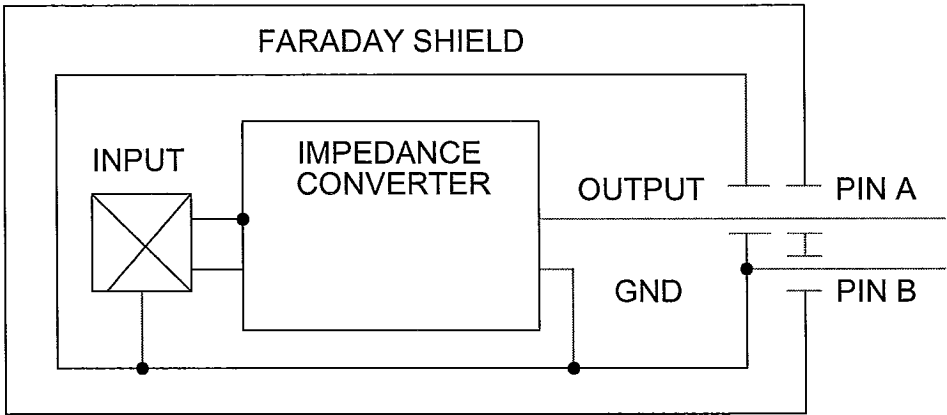
REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	5698	INITIAL RELEASE	01/26/09	ANS	DV
B	5351	UPDATED FORMAT	RA, 07/28/10	EP	DV
C	10439	ADDED SCHEMATIC, NOTES 3 & 4, CONFIGURATION CONTROL STAMP, AND ATEX MARKING	AB 10/02/13		



SENSING
DIAPHRAGM
Ø.31
[Ø 7.9]



HOUSING



SCHEMATIC DIAGRAM

MODEL	SENSITIVITY
2006V1	10mV/PSI
2006V2	50mV/PSI
2006V3	100mV/PSI

NO CHANGES ALLOWED
WITHOUT CONSENT OF
CONFIGURATION CONTROL BOARD
DYTRAN INSTRUMENTS INC.

ENG QA

1. CASE TO GROUND PIN ISOLATION >100MΩ
2. MATERIAL: HOUSING/DIAPHRAGM - 316L
CONNECTOR - 304L
3. IMPEDANCE CONVERTER HAS NO VOLTAGE ENHANCING/GENERATING PARTS.
4. TOTAL SENSOR CAPACITANCE, Ci (PIEZO ELEMENT PLUS CIRCUIT CAPACITORS): 18 pF
MAXIMUM. SENSOR CONTAINS NO INDUCTIVE COMPONENTS.

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED:
INTERPRET DIM & TOL PER
ASME Y14.5M - 1994.
REMOVE BURRS.
COUNTERSINK INTERNAL THDS
90° TO MAJOR DIA.
CHAM EXT THDS 45° TO MINOR DIA.
THD LENGTHS AND DEPTHS ARE FOR
MIN FULL THDS.
DIMENSIONS APPLY AFTER FINISHING.

ALL MACHINED SURFACES.
TOTAL RUNOUT WITHIN .005.
BREAK SHARP EDGES .005 TO .010.
MACHINED FILLET RADII .005 TO .015.
WELDING SYMBOLS PER AWS A2.4.
ABBREVIATIONS PER MIL-STD-12.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:

DECIMALS	ANGLES
.XX ±.01	±1°
.XXX ±.005	

APPROVALS		DATE
ORIG	DV	04/28/08
CHK	ANS	01/27/09
APP	DV	01/27/09

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION


DYTRAN
INSTRUMENTS, INC. Chatsworth, CA

MASTER
ONLY IF IN RED

TITLE: **OUTLINE/INSTALLATION
DRAWING, 2006V**

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-2006V	C

SCALE: 2:1 SOLIDWORKS SHEET 1 OF 1

MODEL NUMBER		PERFORMANCE SPECIFICATION				DOC NO.																			
2006V1						PS2006V1																			
		DYNAMIC PRESSURE SENSOR, IEPE				REV C , ECN 10606, 12/18/13																			
		<ul style="list-style-type: none">• HIGH SENSITIVITY• ACCELERATION COMPENSATION• ELECTRICALLY ISOLATED HOUSING																							
		This family also includes:																							
		<table><tr><th>Model</th><th>Sensitivity (mV/psi)</th><th>Range (psi pk)</th><th>Resolution (Grms)</th><th>Oper. Temp(°F)</th><th>TC (Sec)</th></tr><tr><td>2006V2</td><td>50</td><td>100</td><td>0.0014</td><td>-40 to +250</td><td>0.17 to 0.5</td></tr><tr><td>2006V3</td><td>100</td><td>50</td><td>0.0007</td><td>-40 to +250</td><td>0.17 to 0.5</td></tr></table>						Model	Sensitivity (mV/psi)	Range (psi pk)	Resolution (Grms)	Oper. Temp(°F)	TC (Sec)	2006V2	50	100	0.0014	-40 to +250	0.17 to 0.5	2006V3	100	50	0.0007	-40 to +250	0.17 to 0.5
Model	Sensitivity (mV/psi)	Range (psi pk)	Resolution (Grms)	Oper. Temp(°F)	TC (Sec)																				
2006V2	50	100	0.0014	-40 to +250	0.17 to 0.5																				
2006V3	100	50	0.0007	-40 to +250	0.17 to 0.5																				
		Please, refer to the performance specifications of the products in this family for detailed description.																							
		Notes: [1] Percent full scale, zero based fit straight line method. [2] From constant current type power unit only. This sensor MUST NOT BE CONNECTED to a DC power source without current limiting, 20mA Maximum. [3] A calibration certificate traceable to NIST is supplied with each instrument. [4] In the interest of constant product improvement, we reserve the right to change the specification without notice																							
		CERTIFICATIONS: ATEX Ex II 1G Ex ia IIC T4 Ga (marked on each microphone) Baseefa13ATEX0206(marked on each microphone) CE certified (marked on each microphone)																							
PHYSICAL																									
Weight, Max																									
Mounting Provision																									
Connector																									
Diaphragm Material																									