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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
B	5839	.31 WAS: .24	JS 03/12/09	RA	DV
C	8563	ADDED "MADE IN USA" MARKING	JS 04/27/12	LN	DV
D	9573	ADDED MOUNTING SCREW DYTRAN MODEL 6868 (2 PROVIDED)	RA, 02/08/13	LN	DV
E	11218	ADDED NOTE \triangle 2 & 2X 6688 M3 SCREW	EC 08/08/14	JS	EP
F	13122	ADDED: NOTE 3; AND ZONE B4 DRAWING REFERENCE	LA 12/02/16	RA	LN
G	13283	ZONE C4 ADDED: .22 [5.6], ZONE B4 ADDED: .44 [11.2] & .15 [3.8]	LA 02/20/17	RA	LN

MODEL NO.	REV	ECN	DATE	RANGE
7500A1	G	13283	02/20/17	2g
7500A2	G	13283	02/20/17	5g
7500A3	G	13283	02/20/17	10g
7500A4	G	13283	02/20/17	25g
7500A5	G	13283	02/20/17	50g
7500A6	G	13283	02/20/17	100g
7500A7	G	13283	02/20/17	200g
7500A8	G	13283	02/20/17	400g

DYTRAN
7500AX
S/N XXXX

MADE IN USA

1/4-28 4 PIN CONNECTOR

2X ϕ .127 THRU
[3.23]MOUNTING SCREW
DYTRAN MODEL 6868 (4-40 UNC-2A)
& 6688 (M3X.5 ISO 6H COARSE)
(2 EACH PROVIDED)

.23
[5.7]

KEYWAY

POS OUT

DC POWER

NEG OUT

GND

.16
[4.06]

\triangle 3 ARROW INDICATES DIRECTION FOR POSITIVE OUTPUT.

\triangle 2 MOUNTING RECOMMENDATIONS:
PREPARE A SURFACE TO A FLATNESS EQUAL OR
BETTER THAN .0001 TIR. TAP 4-40 UNC-2B ∇ .200 MIN.
OR TAP M3X.5 ISO 6H COARSE ∇ 5.1 MIN.
RECOMMENDED TORQUE 10-12 LB-IN.

1. DIMENSIONS IN BRACKETS [X.XX] ARE
IN MILLIMETERS.

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.
DIMENSIONS IN BRACKETS [] ARE IN
MILLIMETERS TOLERANCES ARE:

DECIMALS	METRIC	ANGLES
.XX \pm .03	.X \pm 0.8	\pm 1°
.XXX \pm .010	.XX \pm 0.25	

APPROVALS		DATE
ORIG	TMD	8/16/06
CHK	CES	05/23/07
APP	CES	05/23/07

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION
USA



TITLE: OUTLINE/INSTALLATION DRAWING,
VARIABLE CAPACITANCE
ACCELEROMETER

SIZE B	CAGE CODE 2W033	DWG NO 127-7500A	REV G
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SCALE: 4:1

SHEET 1 OF 1

