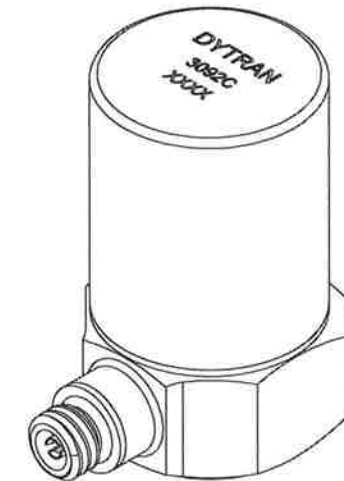
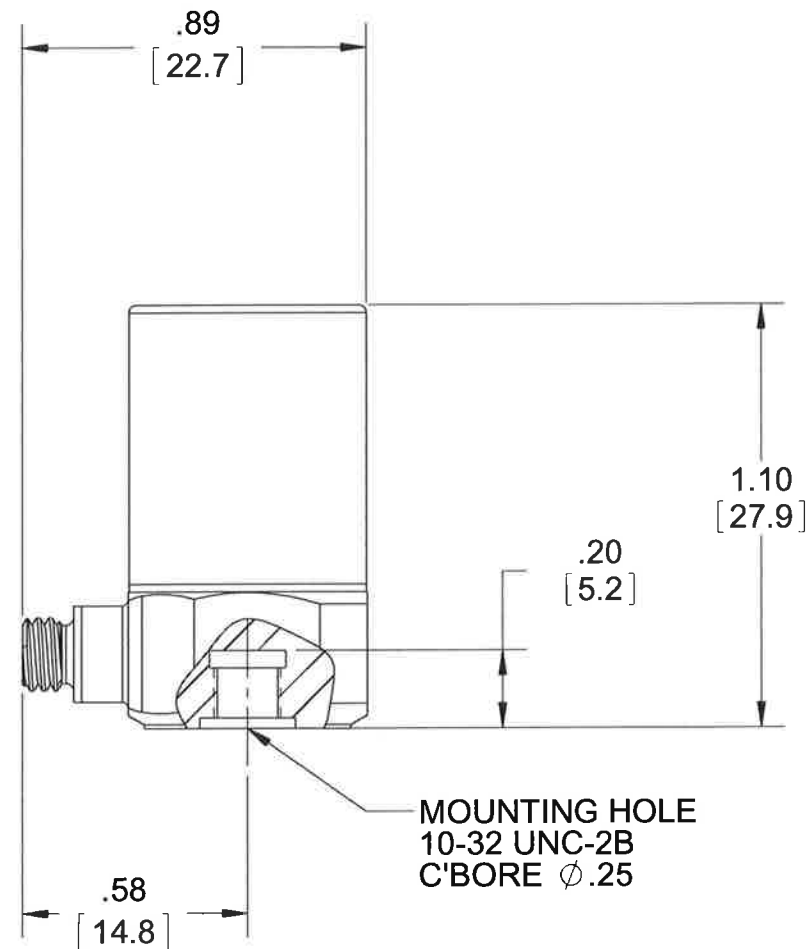
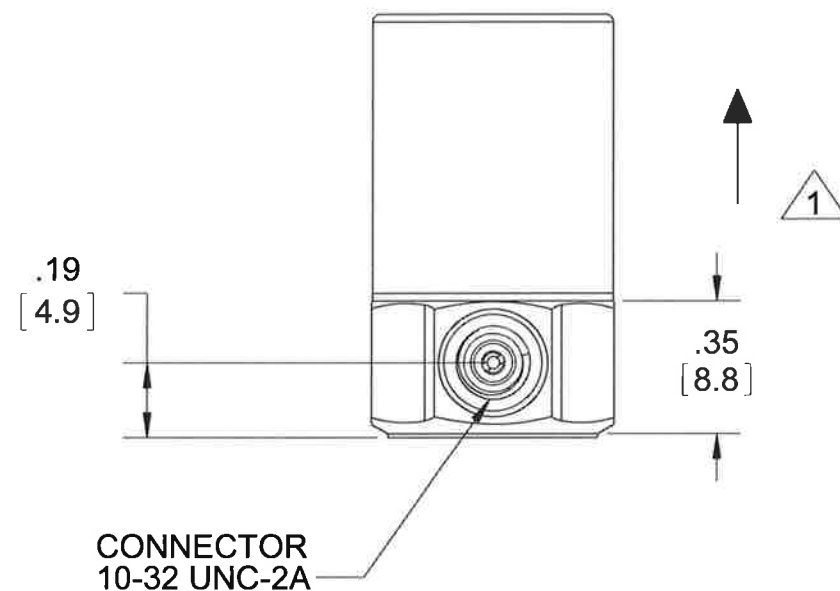
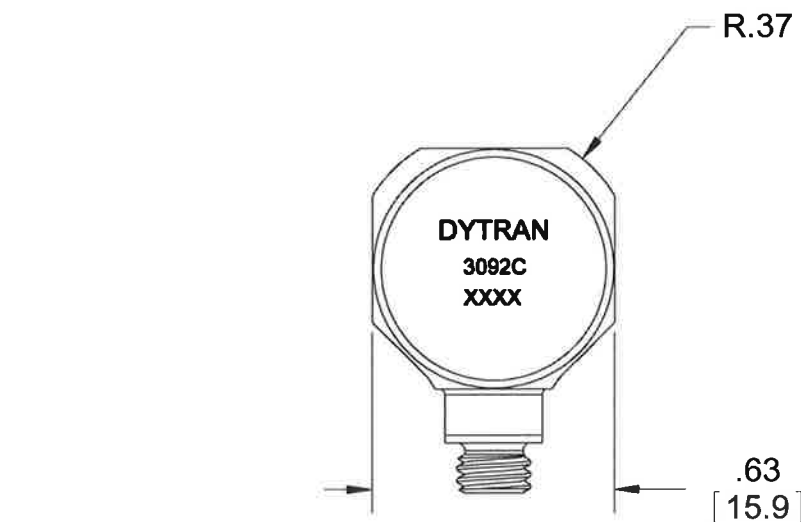


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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	5201	INITIAL RELEASE	05/06/08	CES	DV
B	10878	ADDED NOTE 	JS 03/28/14	EC	



 ARROW INDICATES DIRECTION OF ACCELERATION FOR NEGATIVE OUTPUT.

NOTES: UNLESS OTHERWISE SPECIFIED

DRILL HOLE SIZE	TOLERANCE
.0135 THRU .125	+ .004 / - .001
.1260 THRU .250	+ .005 / - .001
.2510 THRU .500	+ .006 / - .001
.5010 THRU .750	+ .008 / - .001
.7510 THRU 1.000	+ .010 / - .001
1.001 THRU 2.000	+ .012 / - .001

THIRD ANGLE PROJECTION

USA

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.
 THDS PER MIL-S-7742.
 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 $\pm .03$	$\pm 1^\circ$
.XXX $\pm .010$	

R MATERIAL:

FINISH:

DO NOT SCALE DRAWING

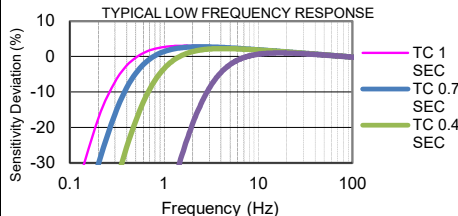
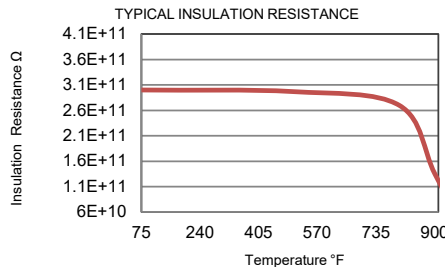
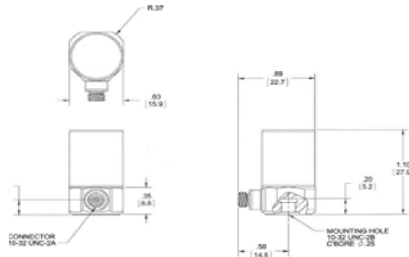
D:	CONTRACT NO.
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APPROVALS		DATE
ORIG	DV	05/06/08
CHK	CES	05/08/08
APP	DV	05/08/08
APP		



TITLE: **OUTLINE/ INSTALLATION
DRAWING, MODEL 3092C**

SIZE B	CAGE CODE 2W033	DWG NO 127-3092C	REV B
SCALE: 2:1	SOLIDWORKS	SHEET 1 of 1	

MODEL NUMBER 3092C		PERFORMANCE SPECIFICATION				DOC NO. PS3092C																										
		Accelerometer, Charge Mode				REV D, ECN 16733, 05/12/22																										
		• HERMETICALLY SEALED • HIGH TEMPERATURE RANGE • HIGH TEMPERATURE 10-32 COAXIAL CONNECTOR																														
						This family also includes:																										
						<table><tr><th>Model</th><th>Sensitivity (pC/g)</th><th>Range (Gpeak)</th><th>Output Polarity</th><th>Oper. Temp(°F)</th></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>		Model	Sensitivity (pC/g)	Range (Gpeak)	Output Polarity	Oper. Temp(°F)																				
Model	Sensitivity (pC/g)	Range (Gpeak)	Output Polarity	Oper. Temp(°F)																												
						Please, refer to the performance specifications of the products in this family for detailed description.																										
						Supplied Accessories:																										
						1) Model 6200S (10-32 to 10-32 Stainless Steel Mounting Stud)																										
						2) Accredited Calibration Certificate (ISO 17025)																										
						Notes:																										
						[1] Low Frequency Response is the function of the discharge time constant of the charge amplifier used. Please, refer to the Plot below for Frequency Response for different time constants.																										
						[2] Actual Sensitivity is given on a Calibration Certificate.																										
						[3] In the interest of constant product improvement, we reserve the right to change specifications without notice.																										
PHYSICAL		ENGLISH		SI																												
Weight		1.48	oz	42	grams																											
Mounting Provision		10-32 Mounting hole		10-32 Mounting hole																												
Connector, side mounted	Type	10 - 32		10 - 32																												
	Material	304L		304L																												
Case	Material	17-4 PH / 304L		17-4 PH / 304L																												
PERFORMANCE																																
Sensitivity [2] ± 1.0		3.5	pC/g	0.36	pC/m/s ²																											
Frequency Range, ± 10%		[1] to 5000	Hz	[1] to 5000	Hz																											
Resonant Frequency		>40	kHz	>40	kHz																											
Linearity		1	%	1	%																											
Transverse Sensitivity Max		5	%	5	%																											
Capacitance, Nom.		80	pF	80	pF																											
Insulation Resistance (Room Temperature)		300	GΩ	300	GΩ																											
Insulation Resistance (900°F)		100	GΩ	100	GΩ																											
ENVIRONMENTAL																																
Shock Max		5000	g pk	49050	m/s ²																											
Vibration Max		3000	g pk	29430	m/s ²																											
Operating Temperature		-60 to +900	°F	-51 to +482	°C																											
Thermal Sensitivity Coefficient		0.01	%/°F	0.02	%/°C																											
Magnetic Sensitivity		0.08	g/G	0.78	m/s ² /G																											
Strain Sensitivity		0.06	g/με	0.59	m/s ² /με																											
Seal		Hermetic		Hermetic																												
Radiation Exposure Limit (Integrated Neutron Flux)		6.45E+10	N/in ²	1.00E+10	N/cm ²																											
Radiation Exposure Limit (Integrated Gamma Flux)		1.00E+08	rad	1.00E+08	rad																											
																																
																																
																																
						Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3092C for more information.																										
		21592 Marilla Street, Chatsworth, California 91311 Phone: 818.700.7818 Fax:818.698.0362 www.dytran.com For permission to reprint this content, please contact info@dytran.com																														