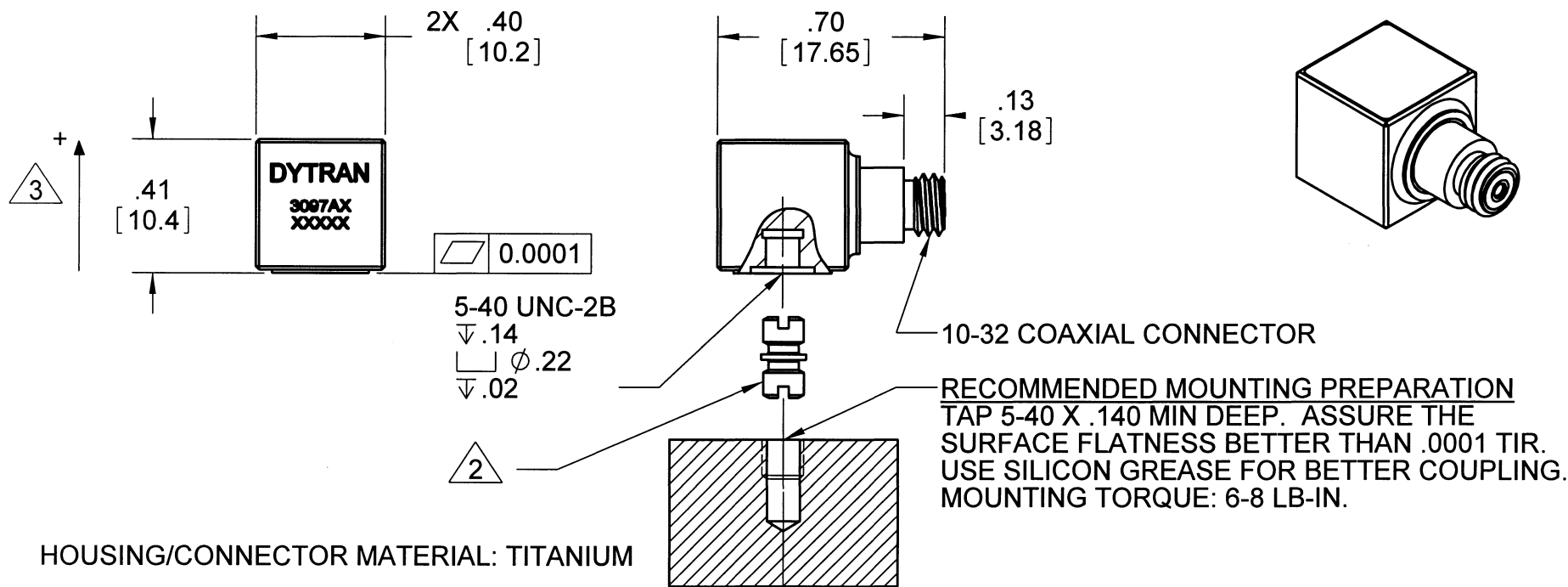


PROPRIETARY AND CONFIDENTIAL

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REVISIONS

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
C	5902	IS: 6580 WAS: 6728	RA, 04/03/09	De	As



5. HOUSING/CONNECTOR MATERIAL: TITANIUM

4. WEIGHT: 4.3 GMS

3. ARROW DESIGNATES UNIT'S POLARITY

2. MOUNTING STUD 6580 (5-40 TO 5-40) SUPPLIED

1. DELETED

NOTES: UNLESS OTHERWISE SPECIFIED

MODEL	SENSITIVITY
3097A3	500mV/g
3097A2	100mV/g
3097A1	10mV/g

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.	
3097A	APPLICATION
THIRD ANGLE PROJECTION USA	
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 .XX ± .010 .XXX ± .005	ANGLES ± 1°
MATERIAL	
FINISH	
DO NOT SCALE DRAWING	

CONTRACT NO.



MASTER
ONLY IF IN RED

TITLE:
**OUTLINE/ INSTALLATION
DRAWING, 3097A SERIES**

SIZE	CAGE CODE	DWG. NO.	REV
A	2W033	127-3097A	C
SCALE: 2:1		SOLIDWORKS	SHEET 1 OF 1

Model Number 3097A1		PERFORMANCE SPECIFICATIONS				DOC NO PS3097A1	
		IEPE ACCELEROMETER				REV E, ECN 13042, 10/28/16	
		• MINIATURE SIZE • HERMETICALLY SEALED • EXCELLENT LINEARITY					
		ENGLISH		SI			
		0.15 oz		4.3 grams			
		10-32		10-32			
		5-40 UNC-2B		5-40 UNC-2B			
		TITANIUM		TITANIUM			
		CERAMIC		CERAMIC			
		PLANAR SHEAR		PLANAR SHEAR			
PHYSICAL Weight Connector [1] Mounting Provision Material, Housing/Connector Sensing Element Element Style		Type Tapped Hole					
		10		1			
		500		4905			
		0.3 to 5000		0.3 to 5000			
		0.15 to 10,000		0.15 to 10,000			
		> 35		> 35			
		0.0003		0.003			
		38.0		372.8			
		12.0		117.7			
		2.5		24.5			
		1.5		14.7			
		1.0		9.8			
		±1		±1			
		5		5			
		0.002		0.02			
		5 to 3000		5 to 3000			
PERFORMANCE Sensitivity, ±5% [2] Range for ± 5 Volts Output Frequency Response, ±5% 							

