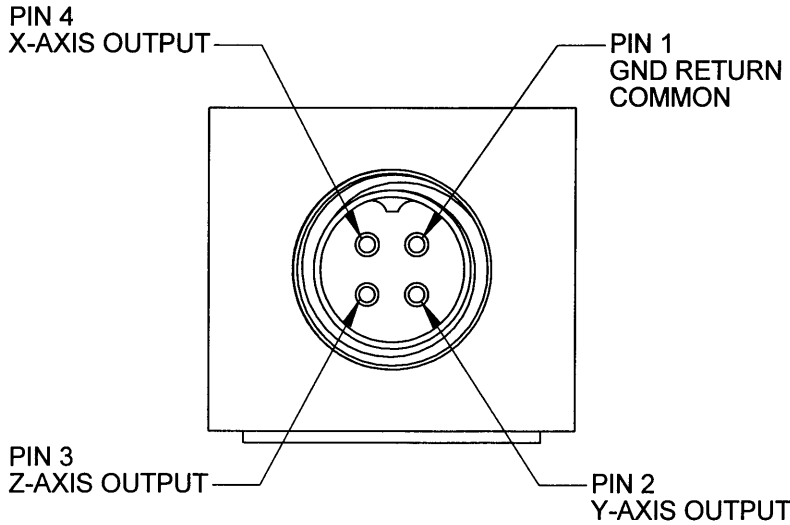
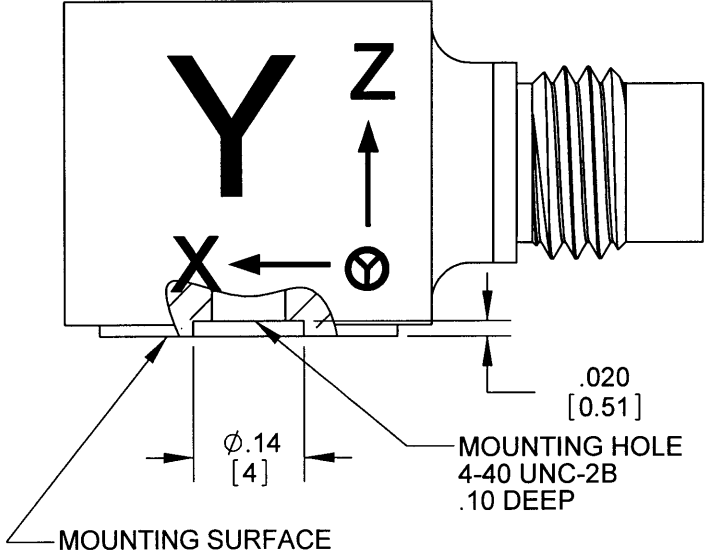
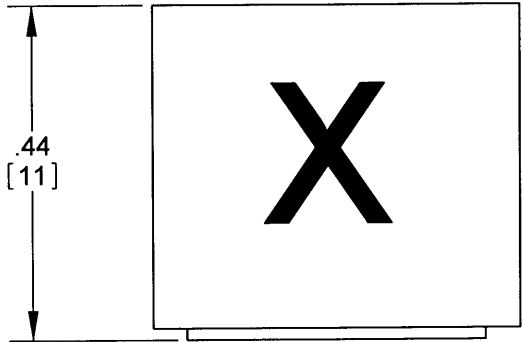
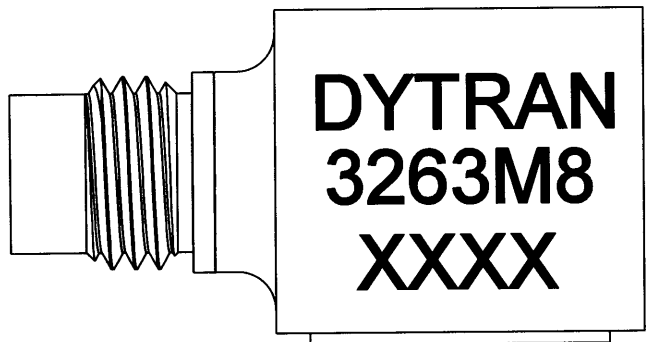
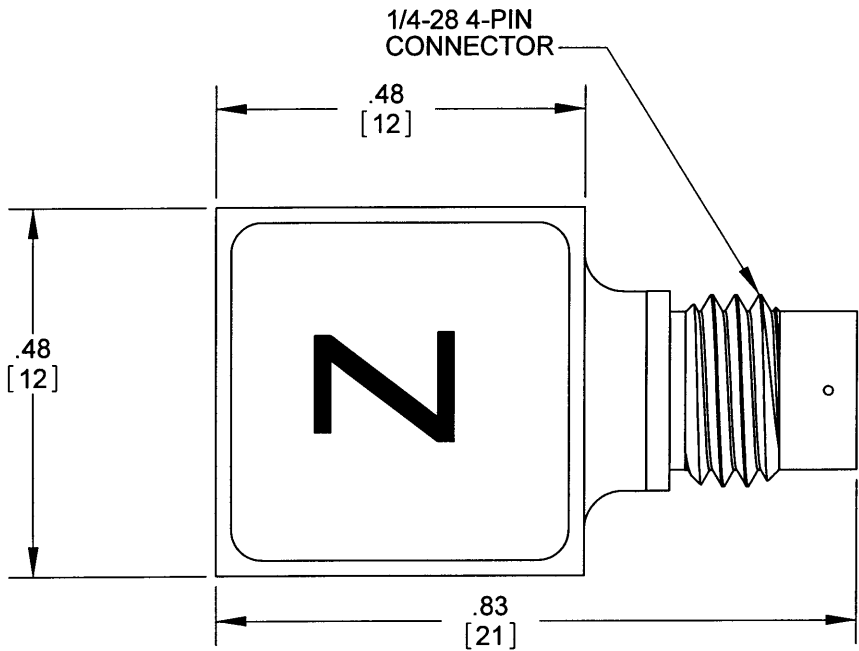


REVISIONS					
REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	5319	INITIAL RELEASE	DV 06/26/08	RA	DV



- 4. DIMENSIONS ARE IN INCHES [mm]
- 3. WEIGHT: 5.6 GRAMS NOMINAL
- 2. ARROWS INDICATE ACCELERATION DIRECTION FOR POSITIVE OUTPUT.
- 1. HOUSING MATERIAL: TITANIUM ALLOY

<table><tr><th>DRILL HOLE SIZE</th><th>TOLERANCE</th></tr><tr><td>.0135 THRU .125</td><td>+.004 / -.001</td></tr><tr><td>.1260 THRU .250</td><td>+.005 / -.001</td></tr><tr><td>.2510 THRU .500</td><td>+.006 / -.001</td></tr><tr><td>.5010 THRU .750</td><td>+.008 / -.001</td></tr><tr><td>.7510 THRU 1.000</td><td>+.010 / -.001</td></tr><tr><td>1.001 THRU 2.000</td><td>+.012 / -.001</td></tr></table>	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	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		CONTRACT NO.		MASTER COPY ONLY IF IN RED Chatsworth, CA	
DRILL HOLE SIZE	TOLERANCE																			
.0135 THRU .125	+.004 / -.001																			
.1260 THRU .250	+.005 / -.001																			
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THIRD ANGLE PROJECTION USA		APPROVALS																		
		ORIG	DV	06/26/08																
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		CHK	RA	7/17/08																
			APP	DV	7/18/08															
			APP																	
			DO NOT SCALE DRAWING		SIZE B	CAGE CODE 2W033														
					DWG NO 127-3263M8	REV A														
					SCALE: 4:1	SOLIDWORKS														
					SHEET 1 of 1															

MODEL NUMBER 3263M8		PERFORMANCE SPECIFICATION				DOC NO. PS3263M8	
		TRIAxIAL ACCELEROMETER, IEPE				REV A,ECN 6726, 04/20/10	
 ACTUAL SIZE		• TRIAXIAL ACCELEROMETER • HIGH SENSITIVITY • MINATURE SIZE					
		ENGLISH		SI			
PHYSICAL							
Weight		0.2	oz	5.6	grams		
Mounting, Integral Thread		4-40 UNC-2B		4-40 UNC-2B			
Connector [1]		Type	4 PIN	4 PIN			
Material Body		Material	Titanium	Titanium			
Sensing Element		Material	Ceramic	Ceramic			
		Mode	Shear	Shear			
PERFORMANCE							
Sensitivity +/- 10% [2]		100	mV/g	10.2	mV/ m/s ²		
Range F.S. For ± 5 Volts Output		± 50	g	± 490	m/s ²		
Frequency Response, - 10% to + 15%		0.3 to 10000	Hz	0.3 to 10000	Hz		
Resonant Frequency, NOM		>40	KHz	>40	KHz		
Phase Response, ± 5°		1 to 3000	Hz	1 to 3000	Hz		
Linearity Max [3]		± 1%	%F.S	± 1%	%F.S		
Transverse Sensitivity, Max.		6%		6%			
Equivalent Electrical Noise Floor		0.0008	g rms	0.008	m/s ² rms		
Spectral Noise		1Hz	100	μGrms/sqr(Hz)	981	μm/s ² rms/sqr(Hz)	
		10Hz	50	μGrms/sqr(Hz)	491	μm/s ² rms/sqr(Hz)	
		100Hz	10	μGrms/sqr(Hz)	98	μm/s ² rms/sqr(Hz)	
		1000Hz	10	μGrms/sqr(Hz)	98	μm/s ² rms/sqr(Hz)	
		10000Hz	5	μGrms/sqr(Hz)	49	μm/s ² rms/sqr(Hz)	
ENVIRONMENTAL							
Maximum Vibration		600	±gpk	5886	± m/s ² pk		
Maximum Shock		5000	±gpk	49050	± m/s ² pk		
Temperature Range		-60 to +180	°F	-51 to 82	°C		
Seal		Hermetic		Hermetic			
ELECTRICAL							
Supply Current [4]		2 to 20	mA	2 to 20	mA		
Compliance Voltage Range		+18 to +30	V	+18 to +30	V		
Output Impedance TYP		150	Ω	150	Ω		
Bias Voltage		+11 to +13	VDC	+11 to +13	VDC		
Discharge Time Constant		1.7 to 2.0	sec	1.7 to 2.0	sec		

Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3263M8 for more information.

