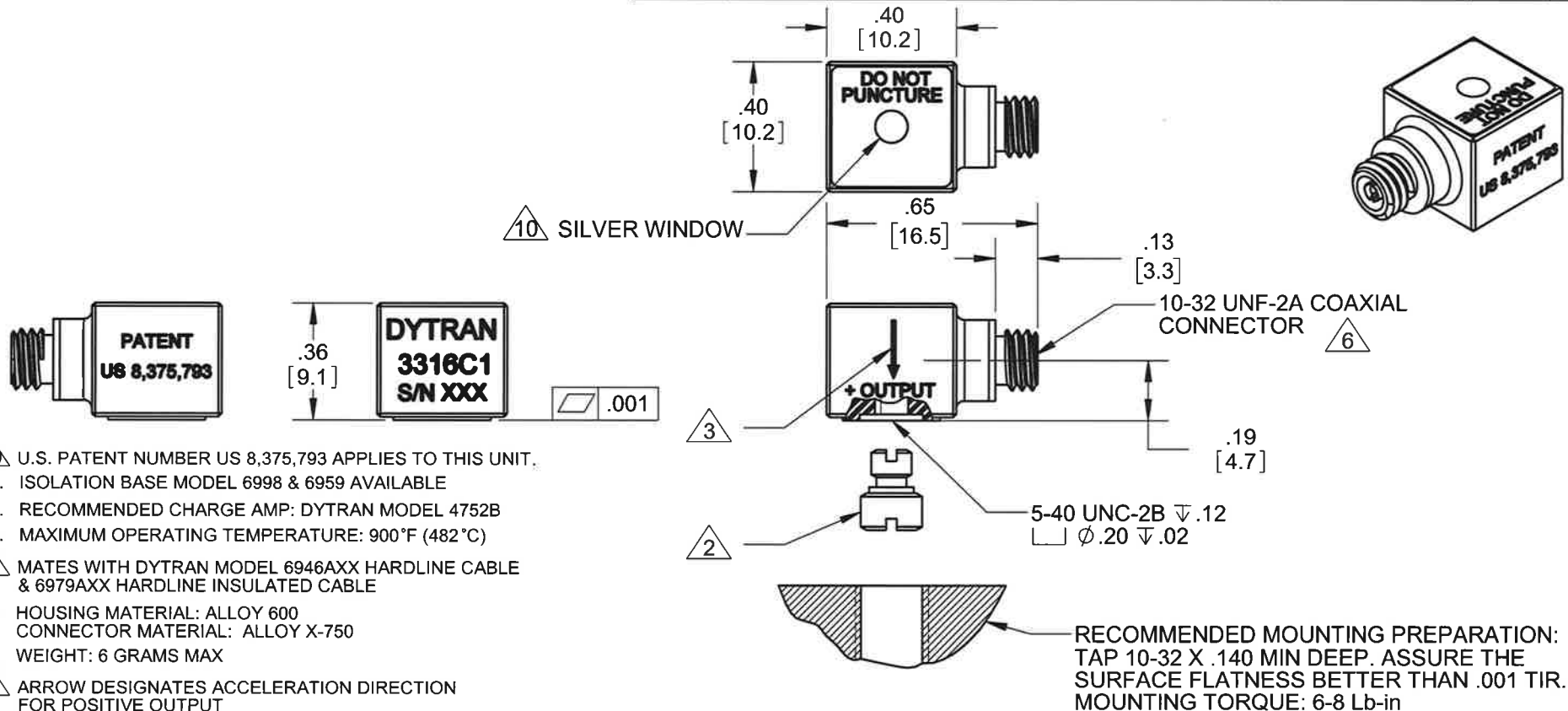


PROPRIETARY AND CONFIDENTIAL

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REVISIONS

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
C	11957	NOTE 4 WAS: WEIGHT: 5 GRAMS MAX	JS 05/07/15	LA	DV
D	13509	NOTE 5: CONNECTOR MATERIAL: WAS: UNS K94610,ASTM F-15 IS: ALLOY X-750	AM 06/14/17	W	As



10. U.S. PATENT NUMBER US 8,375,793 APPLIES TO THIS UNIT.
9. ISOLATION BASE MODEL 6998 & 6959 AVAILABLE
8. RECOMMENDED CHARGE AMP: DYTRAN MODEL 4752B
7. MAXIMUM OPERATING TEMPERATURE: 900°F (482°C)
6. MATES WITH DYTRAN MODEL 6946AXX HARDLINE CABLE & 6979AXX HARDLINE INSULATED CABLE
5. HOUSING MATERIAL: ALLOY 600  
CONNECTOR MATERIAL: ALLOY X-750
4. WEIGHT: 6 GRAMS MAX
3. ARROW DESIGNATES ACCELERATION DIRECTION FOR POSITIVE OUTPUT
2. MOUNTING STUD 6584 (5-40 TO 10-32) SUPPLIED
1. SENSITIVITY: 1 TO 2 pC/g
- 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. THDS PER MIL-S-7742. DIMENSIONS APPLY AFTER FINISHING.	
USED ON	NEXT ASSY
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. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS TOLERANCES ARE: INCHES METRIC ANGLES .XX ± .03 .X ± 0.8 ± 1° .XXX ± .010 .XX ± 0.25	
MATERIAL	
FINISH	
DO NOT SCALE DRAWING	

CONTRACT NO.




TITLE:

OUTLINE/INSTALLATION  
DRAWING, 3316C1

APPROVALS		DATE
ORIG	JS	10/12/11
CHK	RA	01/18/12
APP	DV	01/19/12
APP		

SIZE <b>A</b>	CAGE CODE <b>2W033</b>	DWG. NO. <b>127-3316C1</b>	REV <b>D</b>
SCALE: NONE		SOLIDWORKS	SHEET 1 OF 1

Model Number 3316C1		PERFORMANCE SPECIFICATION				DOC NO PS3316C1																	
		SINGLE AXIS CHARGE MODE ACCELEROMETER				REV H, ECN 14095, 03/14/18																	
<div></div> <div><ul style="list-style-type: none"><li>• MINIATURE SIZE</li><li>• HERMETICALLY SEALED</li><li>• HIGH TEMPERATURE OPERATION</li></ul></div>																							
		<div><b>This family also includes:</b></div> <table><tr><th>Model</th><th>Sensitivity (pC/g)</th><th>Output Polarity</th><th>Temperature (°F)</th></tr><tr><td>3316C</td><td>1 to 2</td><td>Positive when mounted on its base</td><td>-60 to+900</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table> <div>Refer to the performance specifications of the products in this family for detailed description.</div> <div><b>Supplied Accessories:</b> 1) Accredited calibration certificate (ISO 17025) 2) Model 6584 mounting stud (5-40 to 10-32), qty 1</div> <div><b>Notes:</b> [1] Measured at 100Hz, 1 Grms per ISA RP 37.2 [2] Measured using zero-based straight line method, % of F.S. or any lesser range. [3] Mates with Dytran cable 6946AXX hardline cable and 6979AXX hardline insulated cable. [4] Low frequency response and phase response are a function of the discharge time constant of the charge amplifier used.     See graph below for example. [5] In the interest of constant product improvement, we reserve the right to change specifications without notice. [6] Recommended charge amplifier: Dytran model 4754B, Series. [7] Isolation mounting base model 6959 (triaxial) and 6998 (uniaxial) are available. [8] U.S. Patent number US 8,375,793 B2 applies to this unit. [9] This parameter depends on the gain settings of the charge amplifier used.</div>						Model	Sensitivity (pC/g)	Output Polarity	Temperature (°F)	3316C	1 to 2	Positive when mounted on its base	-60 to+900								
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21592 Marilla Street, Chatsworth, California 91311 Phone: 818.700.7818 Fax:818.700.7880 [www.dytran.com](http://www.dytran.com)  
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