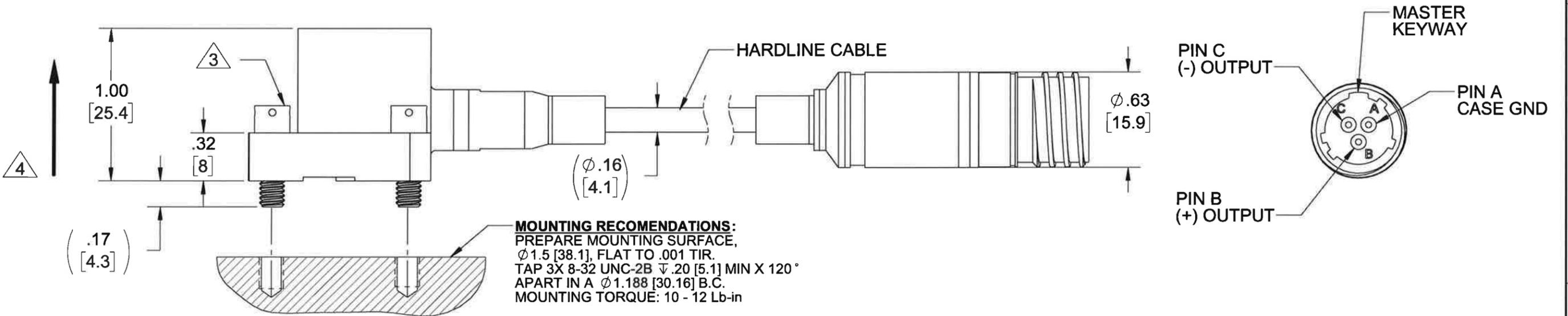
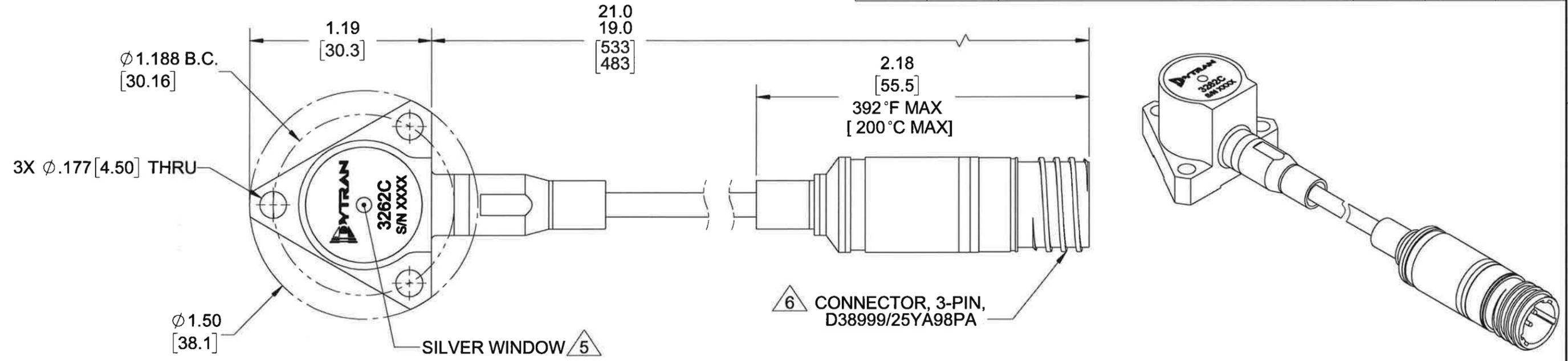


PROPRIETARY AND CONFIDENTIAL

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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	13007	INITIAL RELEASE	DP 12/06/17	PA	AS



**MOUNTING RECOMENDATIONS:**  
 PREPARE MOUNTING SURFACE,  
 $\phi$  1.5 [38.1], FLAT TO .001 TIR.  
 TAP 3X 8-32 UNC-2B  $\nabla$ .20 [5.1] MIN X 120°  
 APART IN A  $\phi$  1.188 [30.16] B.C.  
 MOUNTING TORQUE: 10 - 12 Lb-in

- 6 MATES WITH D38999/26WA98SA
  - 5 U.S. PATENT NUMBER US 8,375,793 APPLIES TO THIS UNIT.
  - 4 ARROW INDICATES DIRECTION OF ACCELERATION TO PROVIDE POSITIVE (+) SIGNAL ON PIN B AND NEGATIVE (-) SIGNAL ON PIN C.
  - 3 MOUNTING SCREW, MODEL 6535, 8-32 X .50 L, QTY. 3, SUPPLIED
2. CONNECTOR, HARDLINE CABLE MATERIAL: 300 SERIES S.S.  
 1. HOUSING MATERIAL: ALLOY 600  
 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.		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS TOLERANCES ARE:			
DECIMALS .XX ±.03 .XXX ±.010	METRIC .X ±.08 .XX ±.025	ANGLES ±1°		<b>MASTER ONLY FINISHED</b> TITLE: <b>OUTLINE/ INSTALLATION DWG,          HIGH TEMP ACCELEROMETER,          MODEL 3262C</b>	
APPROVALS		DATE		SIZE	REV
ORIG	LN	03/21/17		B	A
CHK	PA	12/06/17		CAGE CODE	DWG NO
APP	AS	12/8/17		2W033	127-3262C
DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION USA		SCALE: 1.5:1	SHEET 1 OF 1

Model Number 3262C	<b>PERFORMANCE SPECIFICATIONS</b>	DOC NO PS3262C
ACCELEROMETER, SINGLE AXIS DIFFERENTIAL, CHARGE MODE		REV A, ECN 13007, 11/30/17



- HIGH TEMPERATURE OPERATION (1200°F [649°C])
- EXTREME STABILITY OVER TEMPERATURE
- HERMETICALLY SEALED
- DIFFERENTIAL OUTPUT

**PHYSICAL**

Weight, Max.	Accelerometer	
	Accelerometer and cable	
	Cable Length	
Connector [1]	Type	
	Material	
Housing	Material	
Sensing Element	Material	
	Mode	

ENGLISH		SI	
3.5	oz	100	grams
5.78	oz	165	grams
19	inch	483	mm
3-pin		3-pin	
D38999/25YA98PA		D38999/25YA98PA	
300 Stainless Steel		300 Stainless Steel	
Alloy 600		Alloy 600	
Single Crystal		Single Crystal	
Shear		Shear	

**PERFORMANCE**

Sensitivity, ± 10% [2]		
Acceleration Range		
Frequency Response	±5%	
	±10%	
Resonance Frequency		
Transverse Sensitivity		
Insulation Resistance at Temperature	400°F [204°C]	
	700°F [371°C]	
	900°F [482°C]	
	1200°F [649°C]	
Operating Temperature		
Capacitance, Pin to Pin, Nom.		
Unbalance between pins		
Linearity		

5.0	pC/g	0.51	pC/m/s <sup>2</sup>
[3]	g peak	[3]	m/s <sup>2</sup> peak
[4] - 2500	Hz	[4] - 2500	Hz
[4] - 5,000	Hz	[4] - 5,000	Hz
> 25	kHz	> 25	kHz
<5	%	<5	%
>1	GΩ	>1	GΩ
>5	MΩ	>5	MΩ
>500	kΩ	>500	kΩ
>20	kΩ	>20	kΩ
-67 to +1200	°F	-55 to +649	°C
155	pF	155	pF
<2	pF	<2	pF
±1	%	±1	%

**ENVIRONMENTAL**

Maximum Vibration	1000	Gpeak	9810	m/s <sup>2</sup> peak
Maximum Shock	1000	Gpeak	9810	m/s <sup>2</sup> peak
Seal	Hermetic		Hermetic	
Magnetic Sensitivity at 100 Gauss	0.00007	g/Gauss	0.00069	m/s <sup>2</sup> Gauss
Base Strain Sensitivity	0.001	g/μs	0.01	m/s <sup>2</sup> /μs

**This family also includes:**

Model	Sensitivity (mV/g)	Frequency Response (Hz)	Time Constant (Sec)	Operating Temp (°F)

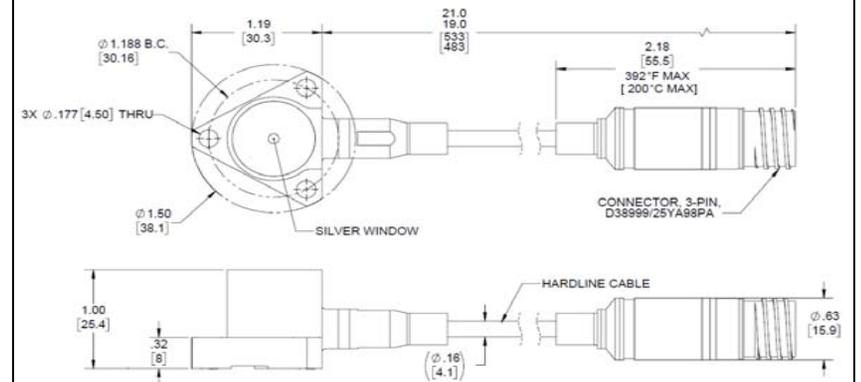
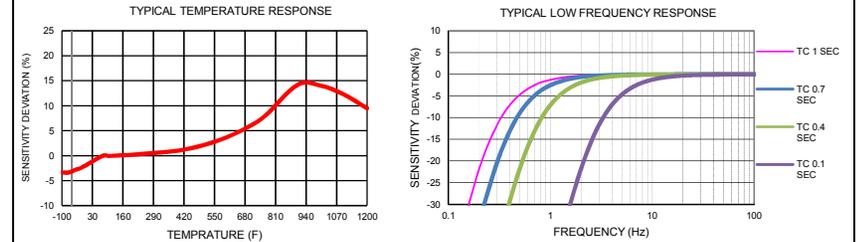
Refer to the performance specifications of the products in this family for detailed description

**Supplied Accessories:**

- 1) Model 6535 mounting screws, 8-32 X .50 L , Qty. 3
- 2) Accredited Calibration Certificate (ISO 17025)

**Notes:**

- [1] Mates with D38999/26WA98SA
- [2] Actual sensitivity is given on a calibration certificate
- [3] Depends on the gain setting of the charge amplifier used
- [4] Low frequency response is a function of the discharge time constant of the charge amplifier used. Refer to the plot below for frequency response with different time constants.



Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3262C for more information.



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