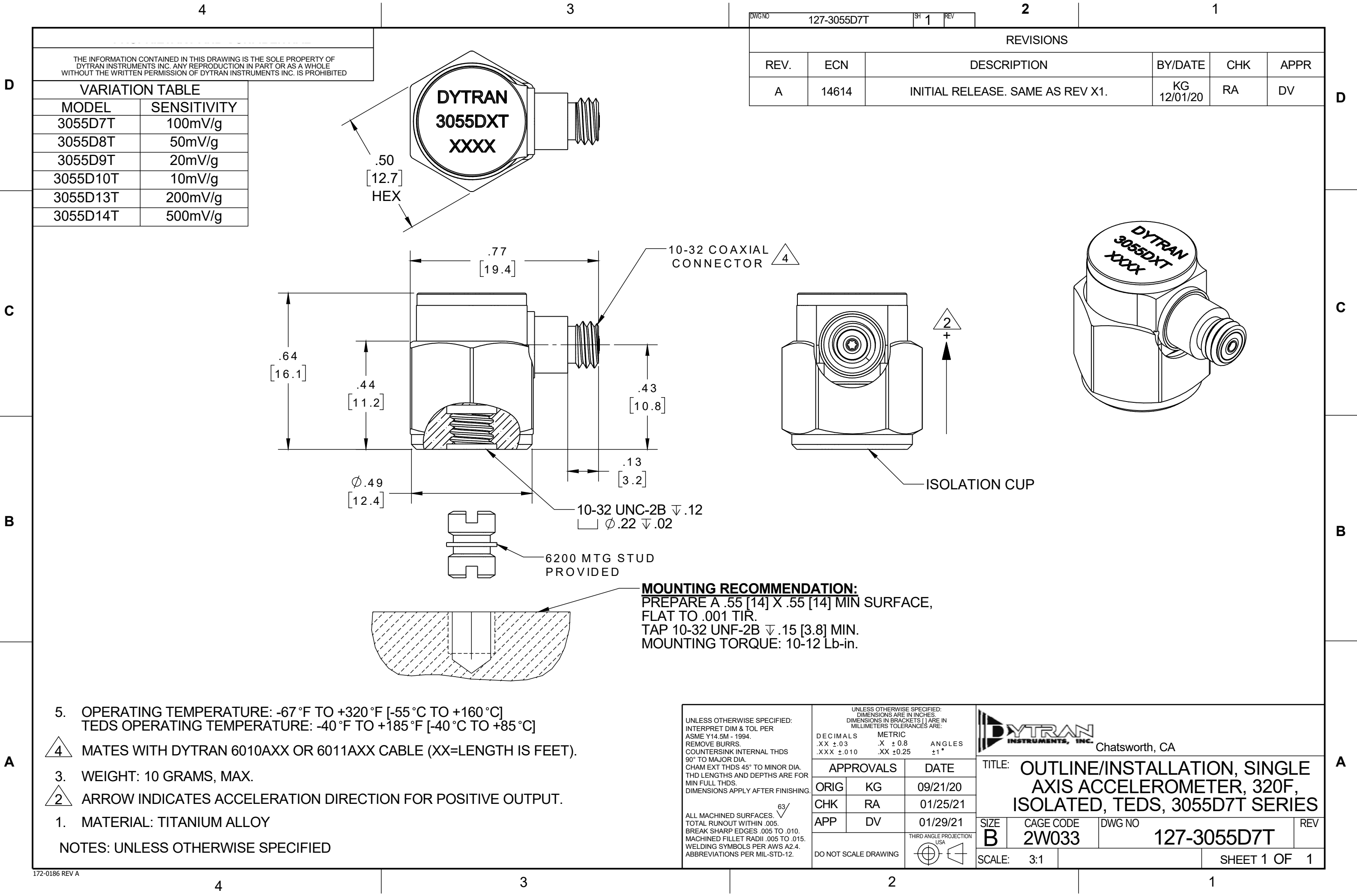




THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DYTRAN INSTRUMENTS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF DYTRAN INSTRUMENTS INC. IS PROHIBITED

4 VARIATION TABLE

MODEL	SENSITIVITY
3055D7T	100mV/g
3055D8T	50mV/g
3055D9T	20mV/g
3055D10T	10mV/g
3055D13T	200mV/g
3055D14T	500mV/g

DWGNO		127-3055D7T		SH	1	REV				
REVISIONS										
REV.	ECN	DESCRIPTION				BY/DATE	CHK	APPR		
A	14614	INITIAL RELEASE. SAME AS REV X1.				KG 12/01/20	RA	DV		

5. OPERATING TEMPERATURE: -67°F TO +320°F [-55°C TO +160°C]
TEDS OPERATING TEMPERATURE: -40°F TO +185°F [-40°C TO +85°C]

4 MATES WITH DYTRAN 6010AXX OR 6011AXX CABLE (XX=LENGTH IS FEET).

3. WEIGHT: 10 GRAMS, MAX.

2 ARROW INDICATES ACCELERATION DIRECTION FOR POSITIVE OUTPUT.

1. MATERIAL: TITANIUM ALLOY

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.

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:

DECIMALS	METRIC	ANGLES
.XX ±.03	.X ±.8	° ±1°
.XXX ±.010	.XX ±0.25	

APPROVALS		DATE
ORIG	KG	09/21/20
CHK	RA	01/25/21
APP	DV	01/29/21

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION
USA

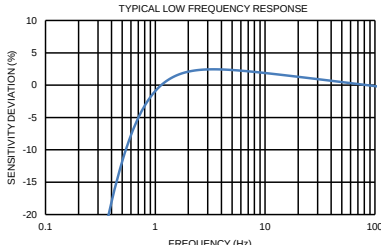
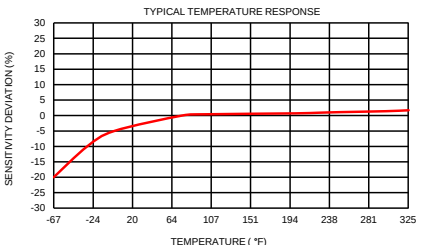
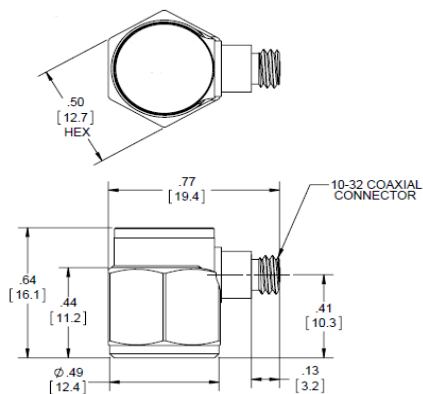
DYTRAN
INSTRUMENTS, INC. Chatsworth, CA

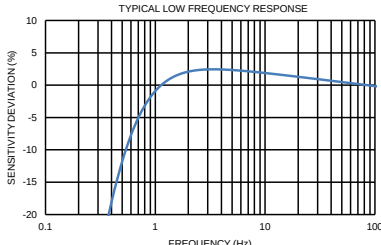
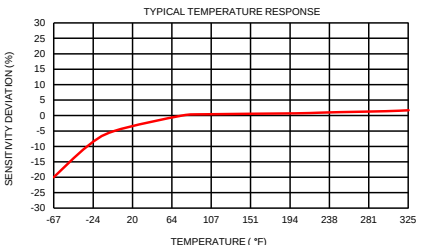
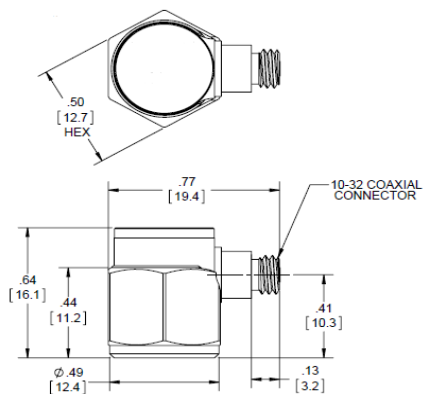
TITLE: **OUTLINE/INSTALLATION, SINGLE
AXIS ACCELEROMETER, 320F,
ISOLATED, TEDS, 3055D7T SERIES**

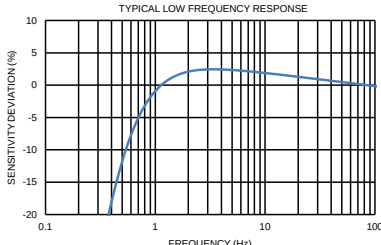
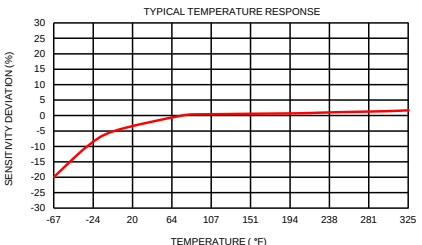
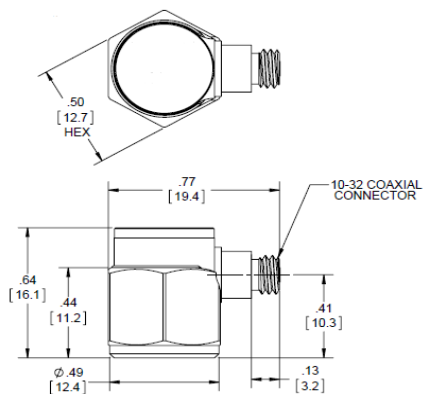
SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-3055D7T	

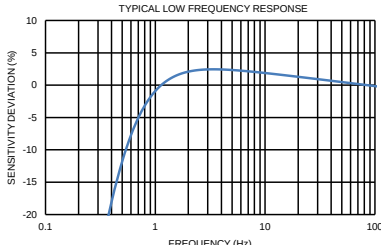
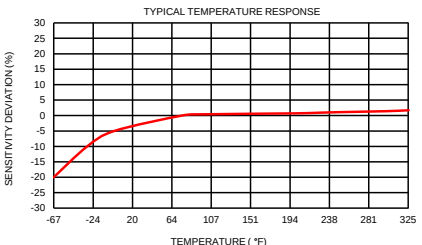
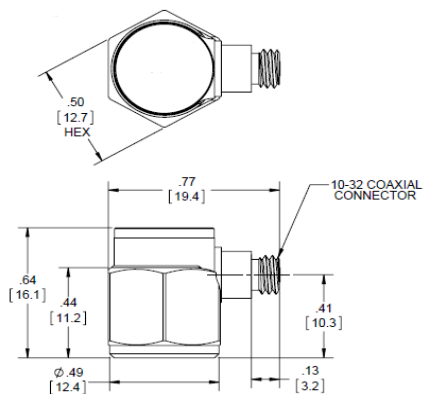
SCALE: 3:1

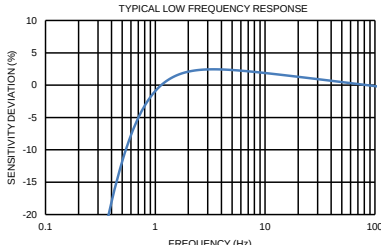
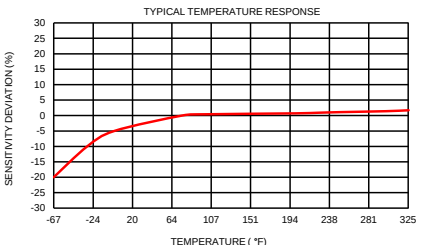
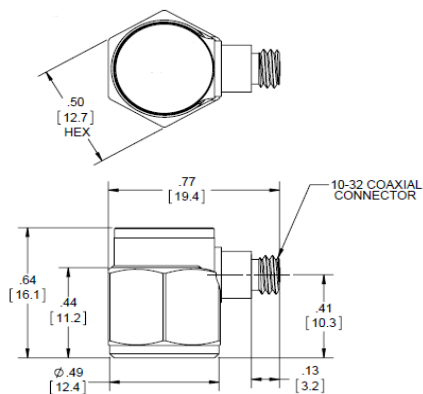
SHEET 1 OF 1

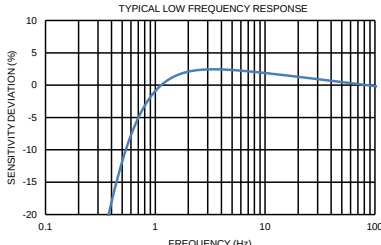
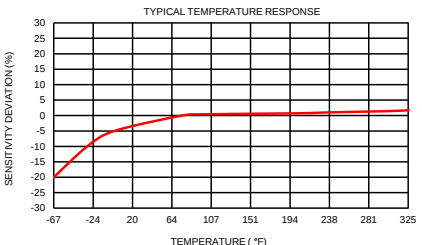
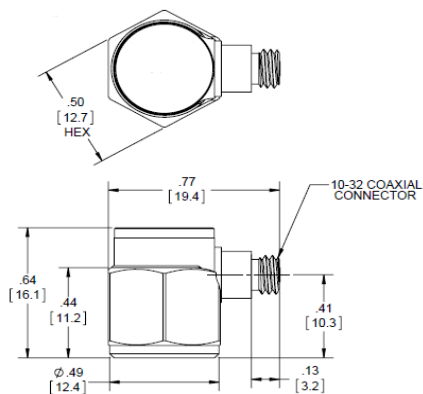
Model Number		PERFORMANCE SPECIFICATIONS				DOC NO		
3055D7T						PS3055D7T		
		IEPE ACCELEROMETER				REV B, ECN 16090, 03/02/21		
		• -67 °F TO +325°F OPERATION • BASE ISOLATED • IDEAL LOW FREQUENCY RESPONSE • TEDS FEATURE		This family also includes:				
				Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)
				3055D8T	50	1 to 10000	0.5 to 1.5	-67 to +325
				3055D9T	20	1 to 10000	0.5 to 1.5	-67 to +325
				3055D10T	10	1 to 10000	0.5 to 1.5	-67 to +325
				3055D13T	200	1 to 10000	0.5 to 1.5	-67 to +325
3055D14T	500	1 to 10000	0.5 to 1.5	-67 to +325				
		Refer to the performance specifications of the products in this family for detailed description						
		Supplied Accessories:						
		1) Accredited calibration certificate (ISO 17025)						
		2) Model 6200 mounting stud, Qty. 1						
		Notes:						
		[1] All specifications are at room temperature unless otherwise specified.						
		[2] Measured at 100Hz, 1 g RMS per ISA RP 37.2.						
		[3] Measure using zero-based straight line method, % of F.S. or any lesser range.						
		[4] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier.						
		[5] In the interest of constant product improvement, we reserve the right to change specifications without notice.						
		It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.						
								
								
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3055D7T for more information.						

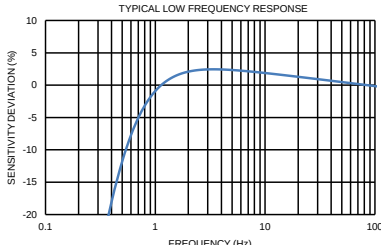
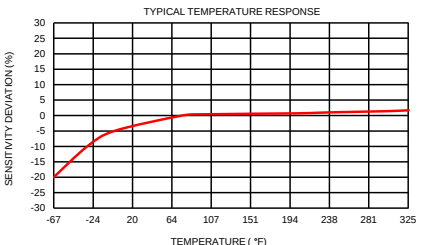
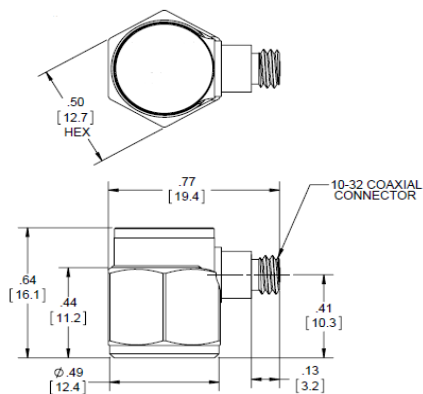
Model Number		PERFORMANCE SPECIFICATIONS				DOC NO		
3055D7T						PS3055D7T		
		IEPE ACCELEROMETER				REV B, ECN 16090, 03/02/21		
		• -67 °F TO +325°F OPERATION • BASE ISOLATED • IDEAL LOW FREQUENCY RESPONSE • TEDS FEATURE		This family also includes:				
				Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)
				3055D8T	50	1 to 10000	0.5 to 1.5	-67 to +325
				3055D9T	20	1 to 10000	0.5 to 1.5	-67 to +325
				3055D10T	10	1 to 10000	0.5 to 1.5	-67 to +325
				3055D13T	200	1 to 10000	0.5 to 1.5	-67 to +325
3055D14T	500	1 to 10000	0.5 to 1.5	-67 to +325				
		Refer to the performance specifications of the products in this family for detailed description						
		Supplied Accessories:						
		1) Accredited calibration certificate (ISO 17025)						
		2) Model 6200 mounting stud, Qty. 1						
		Notes:						
		[1] All specifications are at room temperature unless otherwise specified.						
		[2] Measured at 100Hz, 1 g RMS per ISA RP 37.2.						
		[3] Measure using zero-based straight line method, % of F.S. or any lesser range.						
		[4] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier.						
		[5] In the interest of constant product improvement, we reserve the right to change specifications without notice.						
		It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.						
								
								
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3055D7T for more information.						

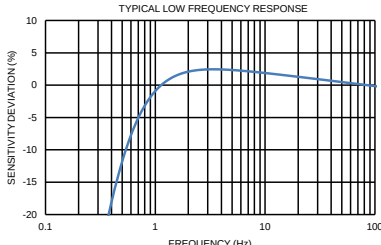
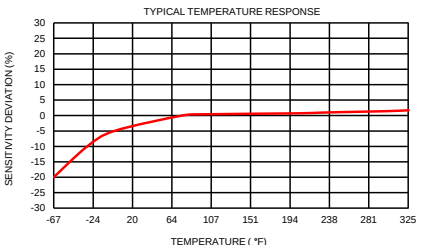
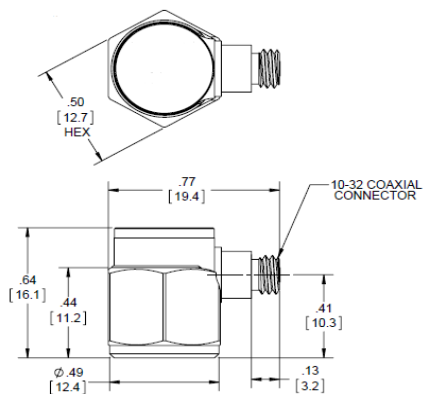
Model Number		PERFORMANCE SPECIFICATIONS				DOC NO		
3055D7T						PS3055D7T		
		IEPE ACCELEROMETER				REV B, ECN 16090, 03/02/21		
		• -67 °F TO +325°F OPERATION • BASE ISOLATED • IDEAL LOW FREQUENCY RESPONSE • TEDS FEATURE		This family also includes:				
				Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)
				3055D8T	50	1 to 10000	0.5 to 1.5	-67 to +325
				3055D9T	20	1 to 10000	0.5 to 1.5	-67 to +325
				3055D10T	10	1 to 10000	0.5 to 1.5	-67 to +325
				3055D13T	200	1 to 10000	0.5 to 1.5	-67 to +325
3055D14T	500	1 to 10000	0.5 to 1.5	-67 to +325				
		Refer to the performance specifications of the products in this family for detailed description						
		Supplied Accessories:						
		1) Accredited calibration certificate (ISO 17025)						
		2) Model 6200 mounting stud, Qty. 1						
		Notes:						
		[1] All specifications are at room temperature unless otherwise specified.						
		[2] Measured at 100Hz, 1 g RMS per ISA RP 37.2.						
		[3] Measure using zero-based straight line method, % of F.S. or any lesser range.						
		[4] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier.						
		[5] In the interest of constant product improvement, we reserve the right to change specifications without notice.						
		It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.						
								
								
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3055D7T for more information.						

Model Number		PERFORMANCE SPECIFICATIONS				DOC NO		
3055D7T						PS3055D7T		
		IEPE ACCELEROMETER				REV B, ECN 16090, 03/02/21		
		• -67 °F TO +325°F OPERATION • BASE ISOLATED • IDEAL LOW FREQUENCY RESPONSE • TEDS FEATURE		This family also includes:				
				Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)
				3055D8T	50	1 to 10000	0.5 to 1.5	-67 to +325
				3055D9T	20	1 to 10000	0.5 to 1.5	-67 to +325
				3055D10T	10	1 to 10000	0.5 to 1.5	-67 to +325
				3055D13T	200	1 to 10000	0.5 to 1.5	-67 to +325
3055D14T	500	1 to 10000	0.5 to 1.5	-67 to +325				
		Refer to the performance specifications of the products in this family for detailed description						
		Supplied Accessories:						
		1) Accredited calibration certificate (ISO 17025)						
		2) Model 6200 mounting stud, Qty. 1						
		Notes:						
		[1] All specifications are at room temperature unless otherwise specified.						
		[2] Measured at 100Hz, 1 g RMS per ISA RP 37.2.						
		[3] Measure using zero-based straight line method, % of F.S. or any lesser range.						
		[4] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier.						
		[5] In the interest of constant product improvement, we reserve the right to change specifications without notice.						
		It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.						
								
								
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3055D7T for more information.						

Model Number		PERFORMANCE SPECIFICATIONS				DOC NO		
3055D7T						PS3055D7T		
		IEPE ACCELEROMETER				REV B, ECN 16090, 03/02/21		
		• -67 °F TO +325°F OPERATION • BASE ISOLATED • IDEAL LOW FREQUENCY RESPONSE • TEDS FEATURE		This family also includes:				
				Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)
				3055D8T	50	1 to 10000	0.5 to 1.5	-67 to +325
				3055D9T	20	1 to 10000	0.5 to 1.5	-67 to +325
				3055D10T	10	1 to 10000	0.5 to 1.5	-67 to +325
				3055D13T	200	1 to 10000	0.5 to 1.5	-67 to +325
3055D14T	500	1 to 10000	0.5 to 1.5	-67 to +325				
		Refer to the performance specifications of the products in this family for detailed description						
		Supplied Accessories:						
		1) Accredited calibration certificate (ISO 17025)						
		2) Model 6200 mounting stud, Qty. 1						
		Notes:						
		[1] All specifications are at room temperature unless otherwise specified.						
		[2] Measured at 100Hz, 1 g RMS per ISA RP 37.2.						
		[3] Measure using zero-based straight line method, % of F.S. or any lesser range.						
		[4] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier.						
		[5] In the interest of constant product improvement, we reserve the right to change specifications without notice.						
		It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.						
								
								
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3055D7T for more information.						

Model Number		PERFORMANCE SPECIFICATIONS				DOC NO		
3055D7T						PS3055D7T		
		IEPE ACCELEROMETER				REV B, ECN 16090, 03/02/21		
		• -67 °F TO +325°F OPERATION • BASE ISOLATED • IDEAL LOW FREQUENCY RESPONSE • TEDS FEATURE		This family also includes:				
				Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)
				3055D8T	50	1 to 10000	0.5 to 1.5	-67 to +325
				3055D9T	20	1 to 10000	0.5 to 1.5	-67 to +325
				3055D10T	10	1 to 10000	0.5 to 1.5	-67 to +325
				3055D13T	200	1 to 10000	0.5 to 1.5	-67 to +325
3055D14T	500	1 to 10000	0.5 to 1.5	-67 to +325				
		Refer to the performance specifications of the products in this family for detailed description						
		Supplied Accessories:						
		1) Accredited calibration certificate (ISO 17025)						
		2) Model 6200 mounting stud, Qty. 1						
		Notes:						
		[1] All specifications are at room temperature unless otherwise specified.						
		[2] Measured at 100Hz, 1 g RMS per ISA RP 37.2.						
		[3] Measure using zero-based straight line method, % of F.S. or any lesser range.						
		[4] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier.						
		[5] In the interest of constant product improvement, we reserve the right to change specifications without notice.						
		It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.						
								
								
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3055D7T for more information.						

Model Number		PERFORMANCE SPECIFICATIONS				DOC NO		
3055D7T						PS3055D7T		
		IEPE ACCELEROMETER				REV B, ECN 16090, 03/02/21		
		• -67 °F TO +325°F OPERATION • BASE ISOLATED • IDEAL LOW FREQUENCY RESPONSE • TEDS FEATURE		This family also includes:				
				Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)
				3055D8T	50	1 to 10000	0.5 to 1.5	-67 to +325
				3055D9T	20	1 to 10000	0.5 to 1.5	-67 to +325
				3055D10T	10	1 to 10000	0.5 to 1.5	-67 to +325
				3055D13T	200	1 to 10000	0.5 to 1.5	-67 to +325
3055D14T	500	1 to 10000	0.5 to 1.5	-67 to +325				
		Refer to the performance specifications of the products in this family for detailed description						
		Supplied Accessories:						
		1) Accredited calibration certificate (ISO 17025)						
		2) Model 6200 mounting stud, Qty. 1						
		Notes:						
		[1] All specifications are at room temperature unless otherwise specified.						
		[2] Measured at 100Hz, 1 g RMS per ISA RP 37.2.						
		[3] Measure using zero-based straight line method, % of F.S. or any lesser range.						
		[4] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier.						
		[5] In the interest of constant product improvement, we reserve the right to change specifications without notice.						
		It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.						
								
								
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3055D7T for more information.						

Model Number		PERFORMANCE SPECIFICATIONS				DOC NO		
3055D7T						PS3055D7T		
		IEPE ACCELEROMETER				REV B, ECN 16090, 03/02/21		
		• -67 °F TO +325°F OPERATION • BASE ISOLATED • IDEAL LOW FREQUENCY RESPONSE • TEDS FEATURE		This family also includes:				
				Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)
				3055D8T	50	1 to 10000	0.5 to 1.5	-67 to +325
				3055D9T	20	1 to 10000	0.5 to 1.5	-67 to +325
				3055D10T	10	1 to 10000	0.5 to 1.5	-67 to +325
				3055D13T	200	1 to 10000	0.5 to 1.5	-67 to +325
3055D14T	500	1 to 10000	0.5 to 1.5	-67 to +325				
		Refer to the performance specifications of the products in this family for detailed description						
		Supplied Accessories:						
		1) Accredited calibration certificate (ISO 17025)						
		2) Model 6200 mounting stud, Qty. 1						
		Notes:						
		[1] All specifications are at room temperature unless otherwise specified.						
		[2] Measured at 100Hz, 1 g RMS per ISA RP 37.2.						
		[3] Measure using zero-based straight line method, % of F.S. or any lesser range.						
		[4] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier.						
		[5] In the interest of constant product improvement, we reserve the right to change specifications without notice.						
		It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.						
								
								
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3055D7T for more information.						

Model Number		PERFORMANCE SPECIFICATIONS</			
--------------	--	------------------------------	--	--	--