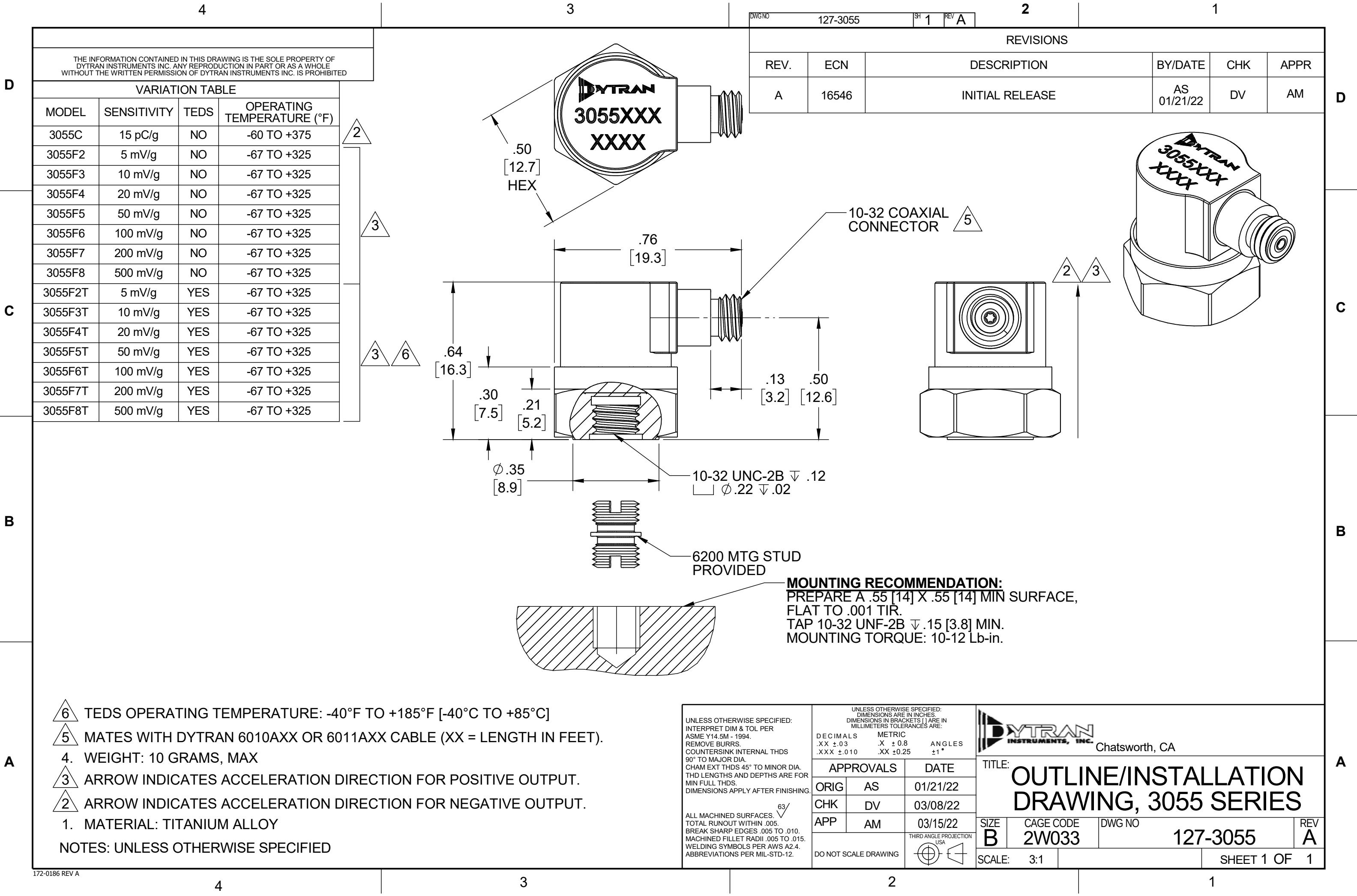




- 6 TEDS OPERATING TEMPERATURE: -40°F TO +185°F [-40°C TO +85°C]
- 5 MATES WITH DYTRAN 6010AXX OR 6011AXX CABLE (XX = LENGTH IN FEET).
4. WEIGHT: 10 GRAMS, MAX
- 3 ARROW INDICATES ACCELERATION DIRECTION FOR POSITIVE OUTPUT.
- 2 ARROW INDICATES ACCELERATION DIRECTION FOR NEGATIVE OUTPUT.

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.		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS METRIC .XX ±.03 .X ±.08 ANGLES .XXX ±.010 .XX ±0.25 ±1°		 Chatsworth, CA			
APPROVALS		DATE		TITLE:			
ORIG	AS	01/21/22		OUTLINE/INSTALLATION DRAWING, 3055 SERIES			
CHK	DV	03/08/22					
APP	AM	03/15/22					
DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION USA		SIZE B	CAGE CODE 2W033	DWG NO 127-3055	REV A
				SCALE: 3:1	SHEET 1 OF 1		

Model Number 3055F4		PERFORMANCE SPECIFICATIONS				DOC NO PS3055F4	
		IEPE ACCELEROMETER				REV B, ECN 17467, 06/10/24	
		• HIGH TEMPERATURE • BASE ISOLATED • IDEAL LOW FREQUENCY RESPONSE • HERMETICALLY SEALED					
		ENGLISH		SI			
PHYSICAL Weight Connector Mounting Provision Material, Housing/Connector Sensing Element Element Style		0.35 oz		10.0 grams			
		10-32		10-32			
		10-32 X .150 I		10-32 X .150 I			
		Titanium		Titanium			
		Ceramic		Ceramic			
		Planar Shear		Planar Shear			
PERFORMANCE Sensitivity, ±5% [2] Range for ± 5 Volts Output Frequency Response, ±5% Frequency Response, ±10% Resonant Frequency Broad Band Resolution Linearity [3] Maximum Transverse sensitivity Strain Sensitivity @ 250µε		20 mV/g		2.04 mV/m/s ²			
		250 g pk		2,450 m/s ² pk			
		1 to 5,000 Hz		1 to 5,000 Hz			
		1 to 10,000 Hz		1 to 10,000 Hz			
		> 35 kHz		> 35 kHz			
		0.0008 g RMS		0.0078 m/s ² RMS			
		± 1 % F.S.		± 1 % F.S.			
		5 %		5 %			
		0.002 g/µε		0.02 m/s ² /µε			
ENVIRONMENTAL Maximum Shock Temperature Range Seal		1,000 g pk		9800 m/s ² pk			
		-67 to +325 °F		-55 to +163 °C			
		Hermetic		Hermetic			
ELECTRICAL Supply Current Range [4] Compliance Voltage Range Output Impedance, Typ Bias Voltage Discharge Time Constant Electrical Isolation		2 to 20 mA		2 to 20 mA			
		+18 to +30 Volts		+18 to +30 Volts			
		100 Ω		100 Ω			
		+9 to +14 VDC		+9 to +14 VDC			
		0.5 to 1.5 Sec		0.5 to 1.5 Sec			
		10 GΩ, min		10 GΩ, min			