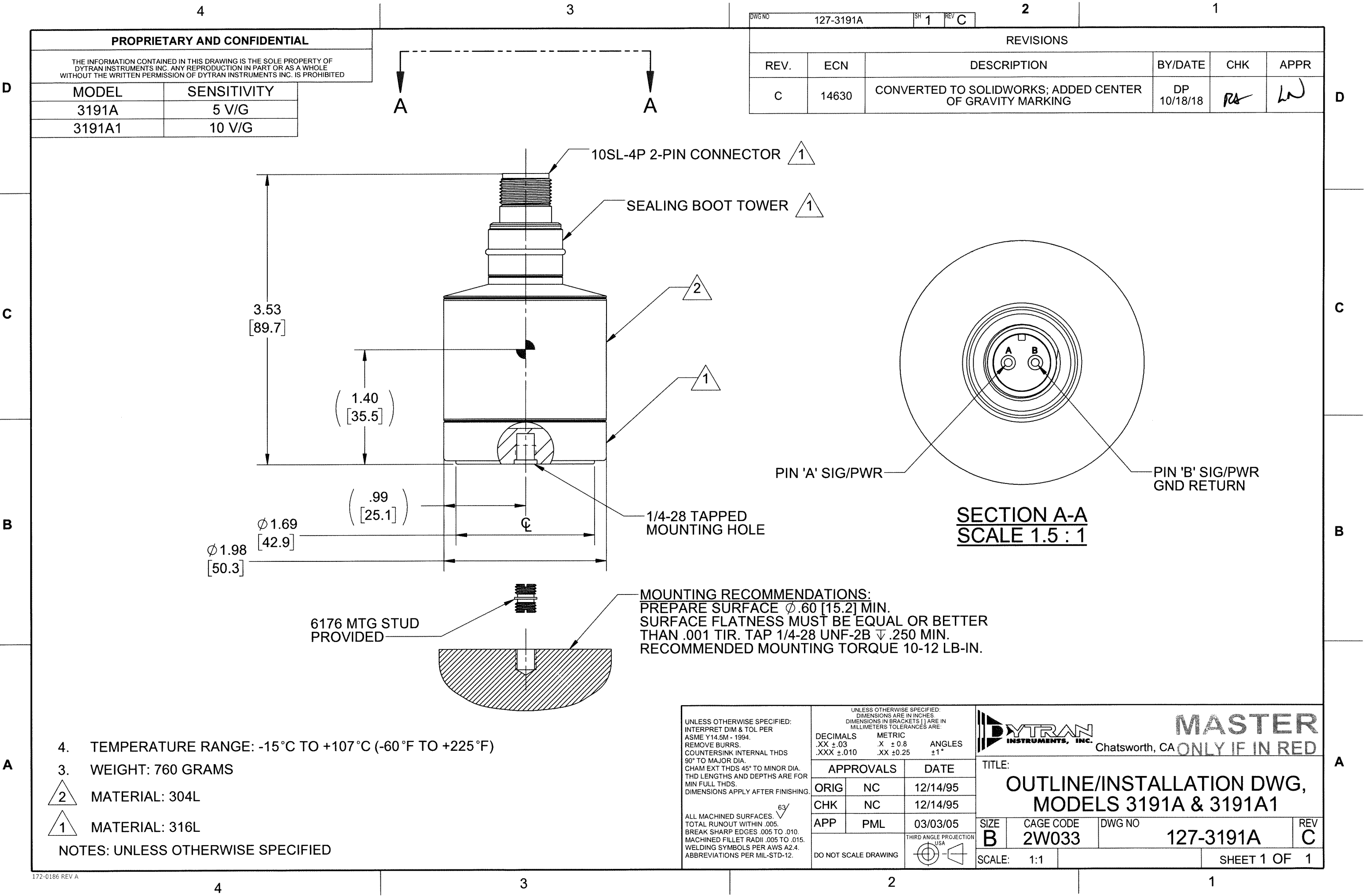




Model Number 3191A		PERFORMANCE SPECIFICATIONS				DOC NO PS3191A	
		IEPE SINGLE AXIS ACCELEROMETER				REV C, ECN 10367, 09/11/13	
		- HERMETICALLY SEALED - HIGH SENSITIVITY					
		ENGLISH		SI			
PHYSICAL Weight, Max Connector Mounting Provision Material, Housing/Connector Sensing Element Element Style		27 oz		775 grams			
		2 -PIN, MIL-C-5015-10SL-4P		2 -PIN, MIL-C-5015-10SL-4P			
		1/4-28, TAPPED HOLE		1/4-28, TAPPED HOLE			
		300 SERIES		300 SERIES			
		CERAMIC		CERAMIC			
		ANNULAR SHEAR		ANNULAR SHEAR			
PERFORMANCE Sensitivity, ±5% [1] Range for ± 5 Volts Output Frequency Response, ±5% Resonant Frequency Broad Band Resolution Linearity [2] Maximum Transverse sensitivity Strain Sensitivity @ 250µε Coefficient of Thermal Sensitivity		5 V/G		1 V/m/s ²			
		1 G peak		10 m/s ²			
		0.08 to 1000 Hz		0.08 to 1000 Hz			
		> 8 kHz		> 8 kHz			
		0.000012 G rms		0.00012 m/s ² rms			
		± 2 % F.S.		± 2 % F.S.			
		5 %		6 %			
		0.001 G/µε		0.01 m/s ² /µε			
		0.07 %/°F		0.14 %/°C			
ENVIRONMENTAL Maximum Vibration Maximum Shock Operating Temperature Range Seal		50 G peak		491 m/s ² peak			
		100 G peak		981 m/s ² peak			
		-60 to +225 °F		-51 to 107 °C			
		HERMETIC		HERMETIC			
ELECTRICAL Supply Current Range [3] 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			
		+11 to +13 VDC		+11 to +13 VDC			
		4 to 7 Sec		4 to 7 Sec			
		10 GΩ,min		10 GΩ,min			



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