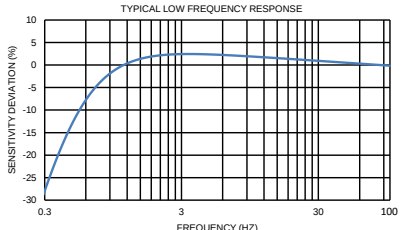
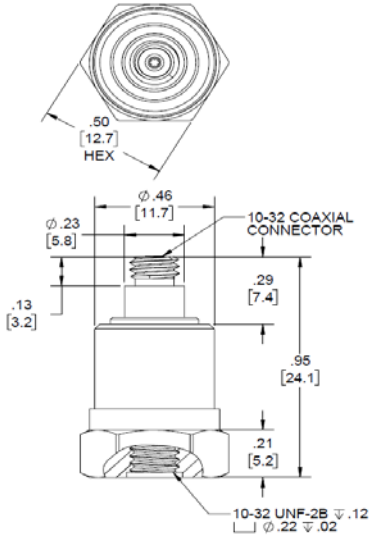
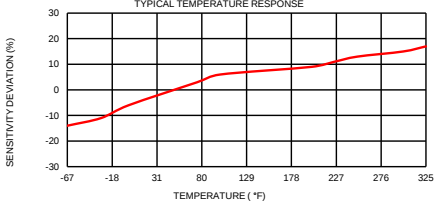


Model Number 3056F2		PERFORMANCE SPECIFICATIONS				DOC NO PS3056F2	
		IEPE ACCELEROMETER				REV A, ECN 16546, 01/24/2022	
		• HIGH TEMPERATURE • IDEAL LOW FREQUENCY RESPONSE • HERMETICALLY SEALED					
		ENGLISH		SI			
PHYSICAL Weight Connector Mounting Provision Material, Housing/Connector Sensing Element Element Style		0.35		oz	10.0		grams
		10-32			10-32		
		10-32 X .150 ↓			10-32 X .150 ↓		
		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		5		mV/g	0.51		mV/m/s ²
		1,000		g pk	9,800		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
		0.0040		g RMS	0.0392		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		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
		This family also includes:					
		Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)	
		3056F3	10	1 to 10,000	0.5 to 1.5	-67 to +325	
		3056F4	20	1 to 10,000	0.5 to 1.5	-67 to +325	
		3056F5	50	1 to 10,000	0.5 to 1.5	-67 to +325	
		3056F6	100	1 to 10,000	0.5 to 1.5	-67 to +325	
		3056F7	200	1 to 10,000	0.5 to 1.5	-67 to +325	
		3056F8	500	1 to 10,000	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 100 Hz [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 127-3056 for more information.					



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