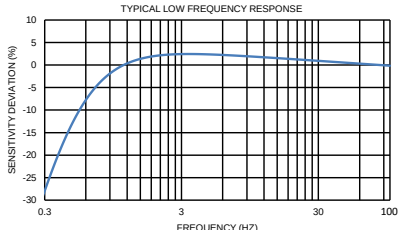
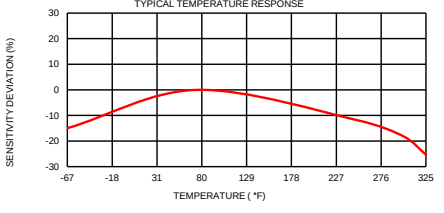
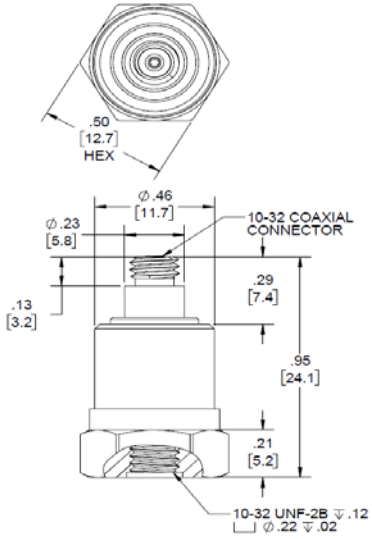


Model Number 3056F8		PERFORMANCE SPECIFICATIONS				DOC NO PS3056F8																																				
		IEPE ACCELEROMETER				REV B, ECN 17467, 06/10/24																																				
		• HIGH TEMPERATURE • IDEAL LOW FREQUENCY RESPONSE • HERMETICALLY SEALED • BASE ISOLATED																																								
		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		500 mV/g		51.02 mV/m/s ²																																						
		10 g pk		98 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																																						
		0.00008 g RMS		0.00078 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																																						
		10.0 GΩ, min		10.0 GΩ, min																																						
		This family also includes:																																								
		<table><tr><th>Model</th><th>Sensitivity (mV/g)</th><th>Frequency Response, ±10% (Hz)</th><th>Time Constant (Sec)</th><th>Operating Temp (°F)</th></tr><tr><td>3056F2</td><td>5</td><td>1 to 10,000</td><td>0.5 to 1.5</td><td>-67 to +325</td></tr><tr><td>3056F3</td><td>10</td><td>1 to 10,000</td><td>0.5 to 1.5</td><td>-67 to +325</td></tr><tr><td>3056F4</td><td>20</td><td>1 to 10,000</td><td>0.5 to 1.5</td><td>-67 to +325</td></tr><tr><td>3056F5</td><td>50</td><td>1 to 10,000</td><td>0.5 to 1.5</td><td>-67 to +325</td></tr><tr><td>3056F6</td><td>100</td><td>1 to 10,000</td><td>0.5 to 1.5</td><td>-67 to +325</td></tr><tr><td>3056F7</td><td>200</td><td>1 to 10,000</td><td>0.5 to 1.5</td><td>-67 to +325</td></tr></table>						Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)	3056F2	5	1 to 10,000	0.5 to 1.5	-67 to +325	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
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3056F7	200	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.																																								
		Typical Low Frequency Response  Typical Temperature Response  																																								
		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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