

Model Number 3056F7		PERFORMANCE SPECIFICATIONS				DOC NO PS3056F7	
		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		200 mV/g		20.41 mV/m/s ²			
		25 g pk		245 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			
		0.0002 g RMS		0.0020 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			



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