

Model Number 3425A1		PERFORMANCE SPECIFICATIONS IEPE ACCELEROMETER						
~					This family also includes:			
	34	• MINIATURE SIZE • FLEXIBLE INTEG • HIGH G RANGE • QUARTZ SENSIN • CRYOGENIC USE	RAL CABLE G ELEMENT			Model	Sens	
				7		Refer to the perform	mance spe	
PHYSICAL		ENGLIS	SH	SI]		
Weight (Less Cable)	Туре	0.023 10-32 Jack Adhesive Mount Titanium Quartz Planar Shear	oz	0.65 10-32 Jack Adhesive Mount Irlanium Quartz Planar Shear	grams	Supplied Accessor 1) Accredited calibration Notes: [1] All specifications [2] Measure using:	oration certifons are at root zero-based	
PERFORMANCE						[3] Do not apply po [4] In the interest of		
Sensitivity [1] Range for ± 5 Volts Output Frequency Response, ±10% Resonant Frequency Broad Band Resolution Linearity [2] Maximum Transverse sensitivity Strain Sensitivity @ 250µɛ ENVIRONMENTAL Maximum Shock		0.05 - 0.14 35,000 1.0 to 20,000 > 90 1 ±1 5 0.8	mV/g g pk Hz kHz g RMS % F.S. % g/με	0.005 - 0.014 343350 1.0 to 20,000 > 90 9.8 ±1 5 7.85	mV/m/s² m/s² pk Hz kHz r/s² RMS % F.S. % m/s²/με	It is the customer's suitable for use in a applications and peeach customer app	s re <mark>sponsibi</mark> a particular erformance	
Temperature Range Seal		-320 to +300 Epoxy	°F	-196 to +149 Epoxy	°C	TALIALISMES -20	Ш	
ELECTRICAL Supply Current Range [3] Compliance Voltage Range Output Impedance,Typ Bias Voltage Discharge Time Constant Case Isolation, Min.		2 to 20 +18 to +30 100 +7 to +9 0.5 to 4.0	$\begin{array}{c} \text{mA} \\ \text{Volts} \\ \Omega \\ \text{VDC} \\ \text{Sec} \\ \text{G}\Omega \end{array}$	2 to 20 +18 to +30 100 +7 to +9 0.5 to 4.0	mA Volts Ω VDC Sec GΩ	-30 0.1		

This family also includes:								
Model	Sensitivity (mV/g)	Range (g pk)	Time Constant (Sec)	Operating Temp (°F)				

DOC NO

PS3425A1

REV X1, ECN -, 05/10/22

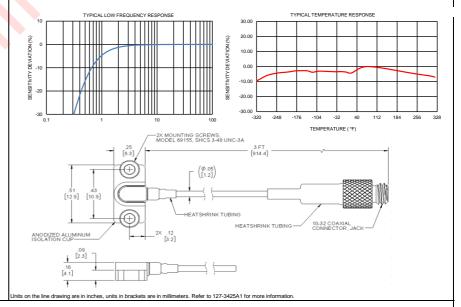
Refer to the performance specifications of the products in this family for detailed description

Supplied Accessories:

Accredited calibration certificate (ISO 17025)

- [1] All specifications are at room temperature unless otherwise specified.
- [2] Measure using zero-based straight line method, % of F.S. or any lesser range.
- [3] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier.
- [4] 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.





Print Name: _____

Signature: _

Company: _ Date:

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