



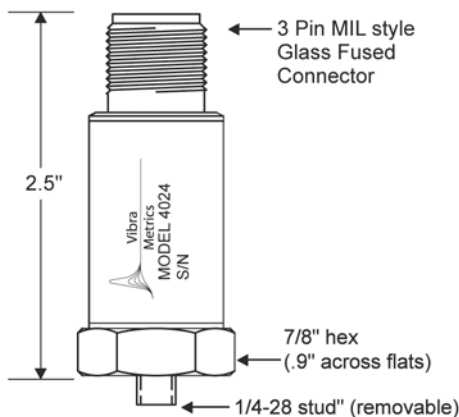
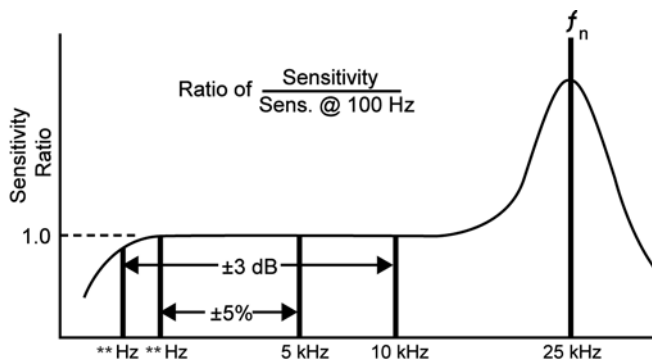
## High Temperature Charge Accelerometer

### Features

- 25 pC/g
- Broad frequency range
- High temperature operation
- 3 PIN MIL 5015 connector

### Applications

- Turbines
- Engines
- Experimental
- Flue Gas Atomizers
- Furnaces



### Operating Specifications

#### Dynamic

Sensitivity @ 100 Hz, $\pm 10\%$	25 pC/g	2.55 pC/(m/s <sup>2</sup> )
Frequency Range		
$\pm 5\%$	** Hz – 5 kHz	
$\pm 10\%$	** Hz – 7 kHz	
$\pm 3 \text{ dB}$	** Hz – 10 kHz	
Amplitude Range	$\pm 500 \text{ g}$	
Mounted Resonance	>25 kHz	
Transverse Sensitivity	<5%	
Amplitude Linearity	<2%	
** low frequency response depends on charge amplifier		

#### Environmental

Temperature Range	-40 to 500°F	-40 to 260°C
Base Strain	.003 g peak/ $\mu$ strain	
Shock Limit	5000 g	

#### Physical

Physical Dimensions	2.5" h x .87" hex (5.8 x 2.2cm)
Weight	3.2 oz / 90 grams
Case Material	304 stainless steel
Design	Compression
Seal	Welded
Mounting	1/4-28 removable stud
Mounting Torque	35 in-lb (3.9 N-m)
Connector	Top 3 PIN MIL 5015
Connector Pinout:	

PIN A	(+)
PIN B	(-)
PIN C	(Not Connected)

#### Ordering Information:

Model 4024 .....	9357252
Charge Amplifier, Model CA-XX .....	9357-XXXX
Cable, 3-Pin MIL/Pigtail, low noise cable .....	9356312

#### Sensors include:

NIST Traceable Calibration, Mounting Stud, User Manual and 1-Year Warranty

For more information about **Vibra-Metrics** accelerometers, call us today at **609-716-4130**, or visit us on-line at **www.vibrametrics.com**



195 Clarksville Road, Princeton Junction, NJ 08550 • Phone: 609-716-4130 • Fax: 609-716-0706  
Email: sales@vibrametrics.com • Internet: www.vibrametrics.com

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