



MEMS High G Shock Accelerometer

May 2010

3501 series Highlights

- Single and Tri-axial models with ranges: 20,000g
- Titanium housing
- Surface mount, wire bond & flip chip technologies for OEMs
- Frequency response DC to 10,000 Hz
- No zero shift
- High over-range survivability
- Air damped (Q=10)
- Excellent amplitude linearity



PCB® micromachines in-house from extremely strong single crystal silicon, the industry's smallest, most accurate and durable shock accelerometer. Ideal for applications like:

LIFETIME WARRANTY+
Products Guaranteed for Life & More!



- Safe & Arm
- Smart Fuzes
- Penetrator Tests
- Weapons Data Recorders / Launch Characteristics
- Explosive Environments (pyroshock)
- Metal-to-metal Impact / Armor Piercing
- Blast Loading of Structures / Nuclear Blast Survivability
- Mine-on-vehicle impact
- Ammunition Shot Counting
- Pile Drivers
- Sports Equipment

Wondering how to connect PR sensor to existing ICP DAS?

DC Response with ICP® Signal Conditioning

The 427A Series takes the conventional current supply of any ICP® conditioner and provides a highly regulated 5V excitation for a Wheatstone bridge transducer, then amplifies the differential output of the bridge with wide-band frequency response, and adds that DC coupled output to the ICP® bias voltage.

The 427A Series includes members with different gain settings, an optional 4-pole filter, and TEDS capability.



427A



Cable



Data Acquisition System

➡ For further product & application details please contact:

Structural Solutions Private Limited

Phone: +91-40-2322 2380 /81 / 82 /83 Fax: +91-40-2322 2384 E-Mail:sales@stsols.com

Bangalore
080-2354 8889

Chennai
044-2654 9408

Delhi
011-4176 7790

Kolkata
033-2462 5429

Mumbai
9322057333

Pune
020-25530540

Trivandrum
9349026213