



**NEW PRODUCT NEWS
FOR IMMEDIATE
RELEASE**

CONTACTS:

Editorial/Media Inquiries:

Molly Bakewell
Global PR, Advertising & Image Manager
PCB Piezotronics, Inc.
3425 Walden Avenue
Depew, NY 14043-2495
(716) 684-0002, ext. 2663
Fax: (716) 684-0987
E-Mail: mbakewell@pcb.com

Reader Service Inquiries/Sales Leads:

Andrea Mohn
Marketing Coordinator
PCB Piezotronics, Inc.
3425 Walden Avenue
Depew, NY 14043-2495
(800) 828-8840
Fax: (716) 684-0987
E-Mail: mktg@pcb.com

Technical:

Bill Coffia
Vibration Division Manager
PCB Piezotronics, Inc.
3425 Walden Avenue
Depew, NY 14043-2495
(888) 684-0013
Fax: (716) 685-3886
E-Mail: vibration@pcb.com

PCB® Introduces Miniature Accelerometer Weighing 0.20 Grams for Vibration Screening of Circuit Boards, Disk Drive Mechanisms, PDA's & Mobile Phones

PCB Piezotronics (PCB®) has introduced Model 357A19, a very miniature charge output accelerometer, designed for performing shock and vibration studies in space-restricted locations and on small, lightweight structures. The unit occupies a 0.11 x 0.16 x 0.27 inch (2.8 x 4.1 x 6.9 mm) envelope, and weighs a mere 0.007 ounces (0.20 grams), for minimal mass loading of a test article. The unit connects to laboratory-style charge amplifiers or in-line charge converters, which condition an output signal for recording or analysis.

Model 357A19 features an operating temperature range of -100 to +350 °F (-73 to +177 °C) and is ideally suited for thermal cycling and vibration stress screening of circuit boards, disk drive mechanisms, mobile phones, PDA's, and other electronic devices. Other applications include NVH studies on automotive parts and modal analysis of small structures and satellite components.

The sensor is structured with a shear mode, piezoceramic sensing element and produces a 0.35 pC/g output signal, with frequency response of up to 20 kHz and resonant frequency of greater than 70 kHz. Additional features include a 10,000 g shock limit, robust titanium housing, 3-56 coaxial electrical connector, and a standard 10 ft. (3 m) low-noise cable.

For detailed drawings, specifications and additional information, visit our web site at www.pcb.com.

#

PCB and ICP are registered trademarks of PCB Group, Inc.