

Two New Triaxial ICP® Case Isolated Accelerometers TEDS enabled and easy to install

June 15, 2017, Depew, New York – PCB's two new triaxial ICP® accelerometer models 354A04 and 354A05 are case isolated to help ensure measurement accuracy in the presence of electrical noise sources such as EMI and ground loops. These accelerometers are rugged, with durable, Titanium housings. The case isolated design eliminates the need for special isolation bases, coatings and insulated mounting screws. The thru-hole mounting configuration allows the accelerometers to be rotated 360° prior to tightening the screw, allowing for easy installation.

Both models are TEDS IEEE 1451.4 enabled for easy tracking and record keeping, containing manufacturer, model number, serial number, calibration date, sensitivity, frequency range and measurement ID.

Case isolation makes these accelerometers ideal for vibration measurements on structures that have poor electrical grounding. The housings are hermetically sealed for reliable operation in high humidity and dirty environments. Both accelerometers have an operating temperature range of -65 to 200 °F (-54 to 93 °C) and a frequency response from 0.4 to 5000 Hz. These features make them ideal for flight testing, ground vibration testing, and environmental stress screening.

Built-in ICP® microelectronics provide a low noise, low impedance output signal capable of signal transmission over cable lengths of hundreds of feet. Any ICP® signal conditioner or data acquisition system that incorporates an ICP® constant current power supply can be used to power the accelerometers.

Models 354A04 and 354A05 are available for immediate shipment. For additional information, [Click here](#).



TEDS Enabled Triaxial ICP® Accelerometer Model 354A04 from PCB Piezotronics, Inc.

About PCB Piezotronics, Inc.

PCB Piezotronics Inc. is a designer and manufacturer of microphones, vibration, pressure, force, torque, load, and strain sensors, as well as the pioneer of ICP® technology. This instrumentation is used by design engineers and predictive maintenance professionals worldwide for test, measurement, monitoring, and control requirements in automotive, aerospace, industrial, R&D, military, educational, commercial, OEM applications, and more. Our Platinum Stock Sensors program ensures same day shipment of over 10,000 sensors that are covered by lifetime warranty. With a worldwide support team of Field Sales, Application Engineers, and Customer Service Representatives, PCB® proudly stands behind their products with the services you value most, including a 24-hour SensorLineSM a global distribution network, and the industry's only commitment to Total Customer Satisfaction. Visit www.pcb.com for more information. PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corporation. Additional information on MTS can be found at www.mts.com.

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