

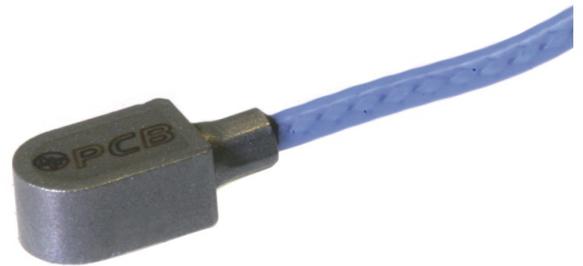


型号 352A91, 352A92

## 水滴形ICP<sup>®</sup> 冲击加速度计 具有灵活的一体式电缆

- 极小的尺寸、最小的负载
- 宽的频率范围，提供更广泛的测试能力
- 高过载冲击极限，允许更高的测试振幅下传感器不损坏

CE



此类泪滴型传感器质量很小，仅为0.17克，具有两种不同的测量范围 (+/- 5,000 g和 +/- 20,000 g)。

此类加速度传感器基于牢固性开发，包括一体式电缆和全密封钛合金外壳，可在高达+163°C(+325°F)的热负荷下承受高过载冲击。

此类加速度计可以通过任何ICP<sup>®</sup>信号适调仪或包含18-30 VDC和2-20 mA恒定电流的数据采集系统进行测试，必要时可以使用延长电缆。

### 典型应用

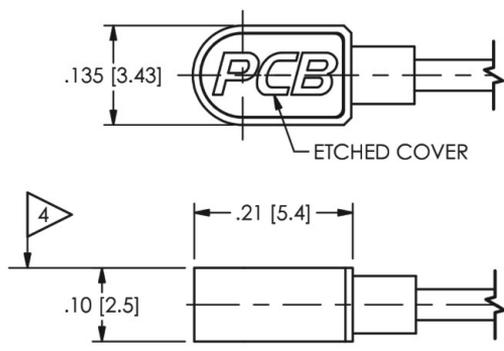
- 环境应力筛选
- 电路板测试
- 移动电子设备跌落测试
- 小部件冲击测试



型号 352A91, 352A92

**规格**

型号	352A91	352A92
<b>参数</b>		
灵敏度 (±20%)	1 mV/g	0.25 mV/g
量程	±5,000 g pk	±20,000 g pk
频率范围 (±5%)	1.2 - 10,000 Hz	1.2- 10,000 Hz
谐振频率	> 100 kHz	> 100 kHz
宽带分辨率	0.02 g rms	0.04 g rms
<b>环境</b>		
过载极限 (冲击)	±20,000 g pk	±30,000 g pk
温度范围	-65 - +325 °F	-65 - +325 °F
	-54 - +163 °C	-54 - +163 °C
<b>电气</b>		
激励电压	8 - 12 V	8 - 12 V
恒定电流	2 - 20 mA	2 - 20 mA
放电时间常数	0.4 - 1.2 sec	0.4 - 1.2 sec
<b>外观</b>		
壳体材料	钛	钛
尺寸-宽×长×高	0.100 × 0.215 × 0.135 in	0.100 × 0.215 × 0.135 in
	2.54 × 5.46 × 3.43 mm	2.54 × 5.46 × 3.43 mm
重量	0.17 gm (0.006 oz)	0.16 gm (0.0055 oz)
电缆	0.9 m (3 ft)	0.9 m (3 ft)
<b>提供附件</b>		
拆卸工具		039A37
石蜡		080A109
快速胶		080A89
<b>可选材料</b>		
延长电缆	002CXX (10-32 Plug to BNC Plug termination)	
延长电缆	003CXX (10-32 Plug to BNC Plug termination)	
信号适调仪	482C05 (4 channels, bench top, line powered)	
	482C16 (4 channels, benchtop, line powered, front-panel keypad/display, gain)	
	483C05 (8 channels, rack mount, line powered)	
	483C50 (8 channels, rackmount, line powered, computer control, gain)	
	480C02 (1 channel, low noise, battery operated)	



**PCB PIEZOTRONICS**  
MTS SYSTEMS CORPORATION

北京: 北京市东城区东中街9号东环广场A座4N  
邮编: 100027 电话: 010-8447 7840  
上海: 上海市徐汇区钦州北路188号华京商务大厦504室  
邮编: 200233 电话: 021-6485 5800  
深圳: 深圳市南山区科技园路1002号A8音乐大厦1563室  
邮编 518057 电话: 0755-2876 5909  
成都: 028-8582 6229 西安: 029-8956 7618  
E-mail: pcbchina@pcb.com

| VISIT US AT WWW.PCB.COM |

PCB® is a designer and manufacturer of microphones, vibration, pressure, force, torque, load, and strain sensors, as well as the pioneer of ICP® technology 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. With a worldwide customer support team, 24-hour SensorLine™, and a global distribution network PCB® IS COMMITTED TO TOTAL CUSTOMER SATISFACTION.

AS9100 CERTIFIED ■ ISO 9001 CERTIFIED ■ A2LA ACCREDITED to ISO 17025

© 2017 PCB Piezotronics, Inc. In the interest of constant product improvement, specifications are subject to change without notice. PCB®, ICP®, Swiveler®, Modally Tuned®, and IMI® with associated logo are registered trademarks of PCB Piezotronics, Inc. in the United States. ICP® is a registered trademark of PCB Piezotronics Europe GmbH in Germany and other countries. SensorLine™ is a servicemark of PCB Piezotronics, Inc. PCB Piezotronics, Inc. was acquired by MTS Systems Corporation in 2016 and merged with its sensors division – MTS Sensors. TM-352A91-352A92-1217 CN