

### Model 080B186

# 25 piece bag of Model 080B177 swivel style mounting clips for 0.55" (14 Installation and Operating Manual

This manual contains the 080B177 installation and operating manuals that comprise a Model 080B186 25 piece bag of Model 080B177 swivel style mounting clips for 0.55" (14 mm) cubic accelerometers kit.

For assistance with the operation of this product, contact PCB Piezotronics, Inc.

Toll-free: 800-828-8840 24-hour SensorLine: 716-684-0001

Fax: 716-684-0987 E-mail: info@pcb.com Web: www.pcb.com







Warranty, Service, Repair, and Return Policies and Instructions

The information contained in this document supersedes all similar information that may be found elsewhere in this manual.

**Total Customer Satisfaction** – PCB Piezotronics guarantees Total Customer Satisfaction. If, at any time, for any reason, you are not completely satisfied with any PCB product, PCB will repair, replace, or exchange it at no charge. You may also choose to have your purchase price refunded in lieu of the repair, replacement, or exchange of the product.

**Service** – Due to the sophisticated nature of the sensors and associated instrumentation provided by Piezotronics, user servicing or repair is not recommended and, if attempted, may void the factory warranty. Routine maintenance, such as the cleaning of electrical connectors, housings, and mounting surfaces with solutions and techniques that will not harm the physical material of construction, is acceptable. Caution should be observed to insure that liquids are not permitted to migrate into devices that are not hermetically sealed. Such devices should only be wiped with a dampened cloth and never submerged or have liquids poured upon them.

Repair – In the event that equipment becomes damaged or ceases to operate, arrangements should be made to return the equipment to PCB Piezotronics for repair. User servicing or repair is not recommended and, if attempted, may void the factory warranty.

Calibration - Routine calibration of sensors and associated instrumentation is recommended as this helps build confidence in measurement accuracy and acquired Equipment data. calibration cycles are typically established by the users own quality regimen. When in doubt about a calibration cycle, a good "rule of thumb" is to recalibrate on an annual basis. It is also good practice to recalibrate after exposure to any severe temperature shock, extreme. load. or other environmental influence, or prior to any critical test.

PCB Piezotronics maintains an ISO-9001 certified metrology laboratory and offers calibration services, which are accredited by A2LA to ISO/IEC 17025. with full traceability to SI through N.I.S.T. In addition to the normally supplied calibration, special testing is also available, such as: sensitivity at elevated or cryogenic temperatures, phase response, extended high or low frequency response, extended range, leak testing, hydrostatic pressure testing, and others. For information on standard recalibration services special testing, contact your local PCB Piezotronics distributor, sales representative. or factory customer service representative.

**Returning Equipment** – Following these procedures will insure that your returned materials are handled in the most expedient manner. Before

equipment to PCB returning any Piezotronics, local contact your distributor, sales representative, or factory customer service representative to obtain a Return Warranty, Service, Repair, and Return Policies and **Instructions** Materials Authorization (RMA) Number. This RMA number should be clearly marked on the outside of all package(s) and on the packing list(s) accompanying the shipment. A detailed account of the nature of the problem(s) being experienced with the equipment should also be included inside the package(s) containing any returned materials.

A Purchase Order, included with the returned materials, will expedite the turn-around of serviced equipment. It is recommended to include authorization on the Purchase Order for PCB to proceed with any repairs, as long as they do not exceed 50% of the replacement cost of the returned item(s). PCB will provide a price quotation or replacement recommendation for any item whose repair costs would exceed 50% of replacement cost, or any item that is not economically feasible to repair. For routine calibration services. the include Purchase Order should authorization to proceed and return at current pricing, which can be obtained a factory customer service from representative.

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PCB for a complete statement of our warranty. Expendable items, such as batteries and mounting hardware, are not covered by warranty. Mechanical damage to equipment due to improper use is not covered by warranty. Electronic circuitry failure caused by the introduction of unregulated or improper excitation power or electrostatic discharge is not covered by warranty.

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### PCB工业监视和测量设备 - 中国RoHS2公布表

PCB Industrial Monitoring and Measuring Equipment - China RoHS 2 Disclosure Table

	有害物质						
部件名称	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	
住房	0	0	0	0	0	0	
PCB板	Х	0	0	0	0	0	
电气连接器	0	0	0	0	0	0	
压电晶 <b>体</b>	Х	0	0	0	0	0	
环氧	0	0	0	0	0	0	
铁氟龙	0	0	0	0	0	0	
电子	0	0	0	0	0	0	
厚膜基板	0	0	Х	0	0	0	
电线	0	0	0	0	0	0	
电缆	Х	0	0	0	0	0	
塑料	0	0	0	0	0	0	
焊接	Х	0	0	0	0	0	
铜合金/黄铜	Х	0	0	0	0	0	

### 本表格依据 SJ/T 11364 的规定编制。

### CHINA RoHS COMPLIANCE

O:表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

X:表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。铅是欧洲RoHS指令2011/65/ EU附件三和附件四目前由于允许的豁免。

Component Name	Hazardous Substances							
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI Compounds (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)		
Housing	0	0	0	0	0	0		
PCB Board	Х	0	0	0	0	0		
Electrical Connectors	0	0	0	0	0	0		
Piezoelectric Crystals	Х	0	0	0	0	0		
Ероху	0	0	0	0	0	0		
Teflon	0	0	0	0	0	0		
Electronics	0	0	0	0	0	0		
Thick Film Substrate	0	0	Х	0	0	0		
Wires	0	0	0	0	0	0		
Cables	Х	0	0	0	0	0		
Plastic	0	0	0	0	0	0		
Solder	Х	0	0	0	0	0		
Copper Alloy/Brass	Х	0	0	0	0	0		

This table is prepared in accordance with the provisions of SJ/T 11364.

DOCUMENT NUMBER: 21354 DOCUMENT REVISION: C

ECN: 45605

O: Indicates that said hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement of GB/T 26572.

X: Indicates that said hazardous substance contained in at least one of the homogeneous materials for this part is above the limit requirement of GB/T 26572.

Lead is present due to allowed exemption in Annex III or Annex IV of the European RoHS Directive 2011/65/EU.



## Model 080B177

### **Easy Mount Swivel Clip**

**Installation and Operating Manual** 

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电气连接器	0	0	0	0	0	0	
压电晶 <b>体</b>	Х	0	0	0	0	0	
环氧	0	0	0	0	0	0	
铁氟龙	0	0	0	0	0	0	
电子	0	0	0	0	0	0	
厚膜基板	0	0	Х	0	0	0	
电线	0	0	0	0	0	0	
电缆	Х	0	0	0	0	0	
塑料	0	0	0	0	0	0	
焊接	Х	0	0	0	0	0	
铜合金/黄铜	Х	0	0	0	0	0	

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PCB Board	Х	0	0	0	0	0		
Electrical Connectors	0	0	0	0	0	0		
Piezoelectric Crystals	Х	0	0	0	0	0		
Ероху	0	0	0	0	0	0		
Teflon	0	0	0	0	0	0		
Electronics	0	0	0	0	0	0		
Thick Film Substrate	0	0	Х	0	0	0		
Wires	0	0	0	0	0	0		
Cables	Х	0	0	0	0	0		
Plastic	0	0	0	0	0	0		
Solder	Х	0	0	0	0	0		
Copper Alloy/Brass	Х	0	0	0	0	0		

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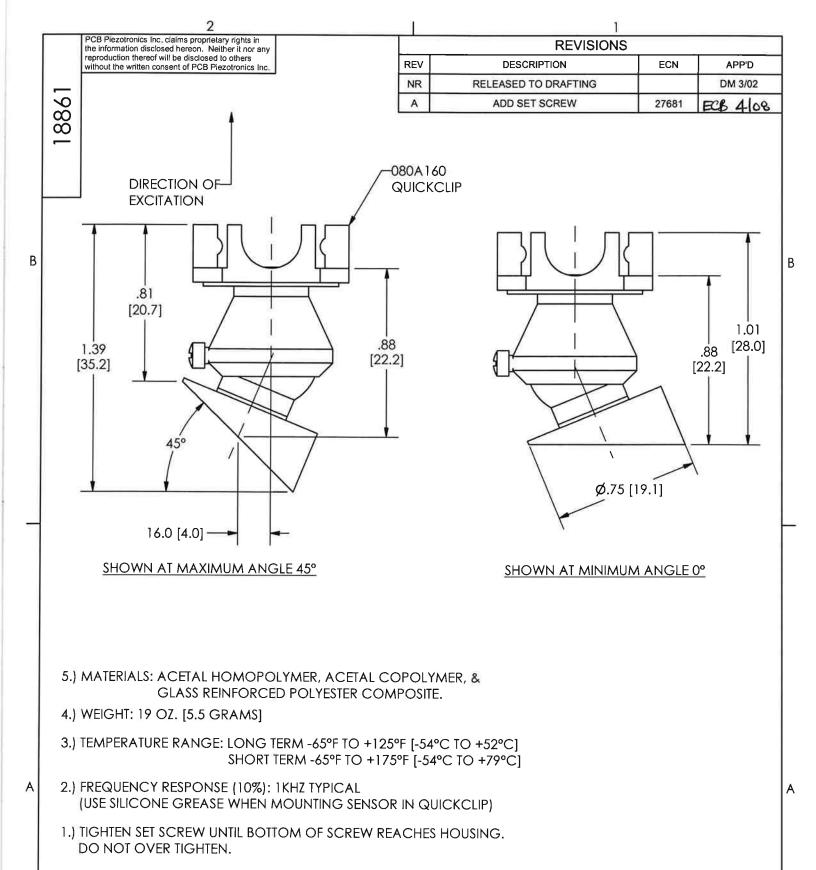
DOCUMENT NUMBER: 21354 DOCUMENT REVISION: C

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Lead is present due to allowed exemption in Annex III or Annex IV of the European RoHS Directive 2011/65/EU.



UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: DRAWN DRM 4/21/08 MFG 4/21/08 MY **PCB** PIEZOTRONICS **DIMENSIONS IN INCHES DIMENSIONS IN MILLIMETERS** CHK'D ECB 4/08 **ENGR** GB 4/21/08 [ IN BRACKETS ] 3425 WALDEN AVE. DEPEW, NY 14043 APP'D 4/21/08 4/21/08 SALES XX ± .03 DECIMALS **DECIMALS**  $X \pm 0.8$ (716) 684-0001 E-MAIL: sales@pcb.com TITLE XXX ± .010 XX ± 0.25 OUTLINE DRAWING DWG. NO. ANGLES ± 2 DEGREES ANGLES ± 2 DEGREES CODE IDENT. NO. MODEL 080B177 18861 52681 QUICKCLIP SWIVEL MOUNT **FILLETS AND RADII FILLETS AND RADII** .003 - .005 [ 0.07 - 0.13 ] SCALE: 2 X SHEET 1 OF 1

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