



*High Performance Audio Electronics*

## 0.040 PCB Pin Sockets for Sonic Imagery Labs Discrete Modules, Adapters and VCA Amps

It is highly recommended that the user not solder the pins of the Sonic Imagery Labs Modules directly to the mating printed circuit board. Overheating the pin creates a cold solder joint at the other end. Permanent soldering of the pin also prevents easy removal of the module. Lastly, soldering prevents one from servicing components which may lie underneath the module.



Mill-Max  
190 Pine Hollow Road,  
PO Box 300  
Oyster Bay NY 11771

**Part Number 0344-2-19-15-34-27-10-0**

Cambion  
445 Concord Ave  
Cambridge, MA 02238

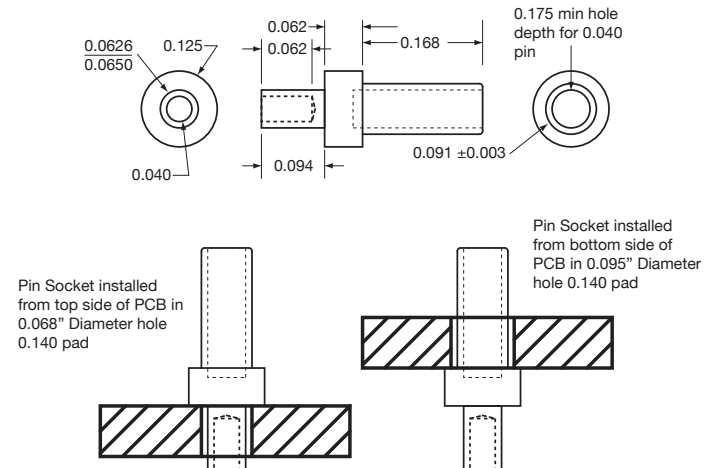
**Part Number 450-3756-02-03**

Concord Electronics Corp  
30 Great Jones St  
New York, NY 10012

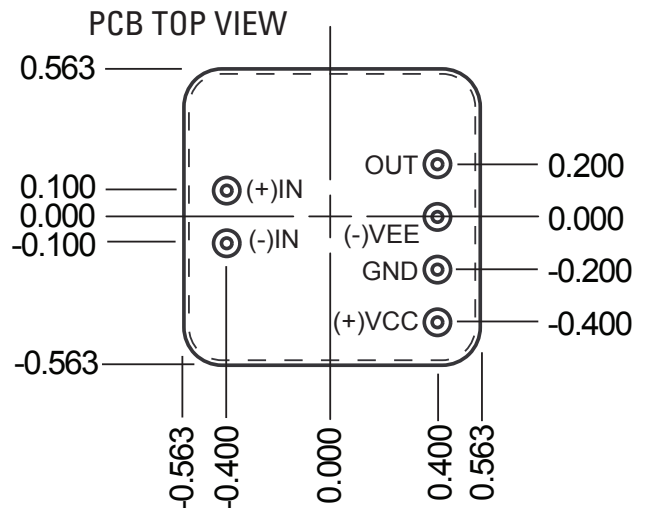
**Part Number 09-9035-2-03**

Many types of sockets for 0.040" diameter pins are available from several manufacturers. Sonic Imagery Labs uses and stocks the sockets from Mill-Max. Sockets from other manufacturers listed below perform equally well. These sockets can be soldered or swaged in your printed circuit board. Additionally, users can purchase a set of six from Sonic Imagery Labs online.

### Mechanical:



### Printed Circuit Board Pad Pattern:



If sockets are top mounted on PCB, pads to be 0.140 diameter with 0.068 plated thru-holes.

If sockets are bottom mounted on PCB, pads to be 0.140 diameter with 0.094 plated thru-holes.

Care should be taken to insure solder does not flow into sockets

The sockets can be mounted in from the top side of the PCB or from the bottom side. If top side mounting is used, the passive components for the 990Enh-Ticha could ideally laid out underneath the op-amp. This would minimize long traces and associated parasitics with a PCB layout having components on the outer perimeter of the opamp.