



High Performance Audio Electronics

Model 992Enh-Ticha & 994Enh-Ticha Opamp Module Mechanics

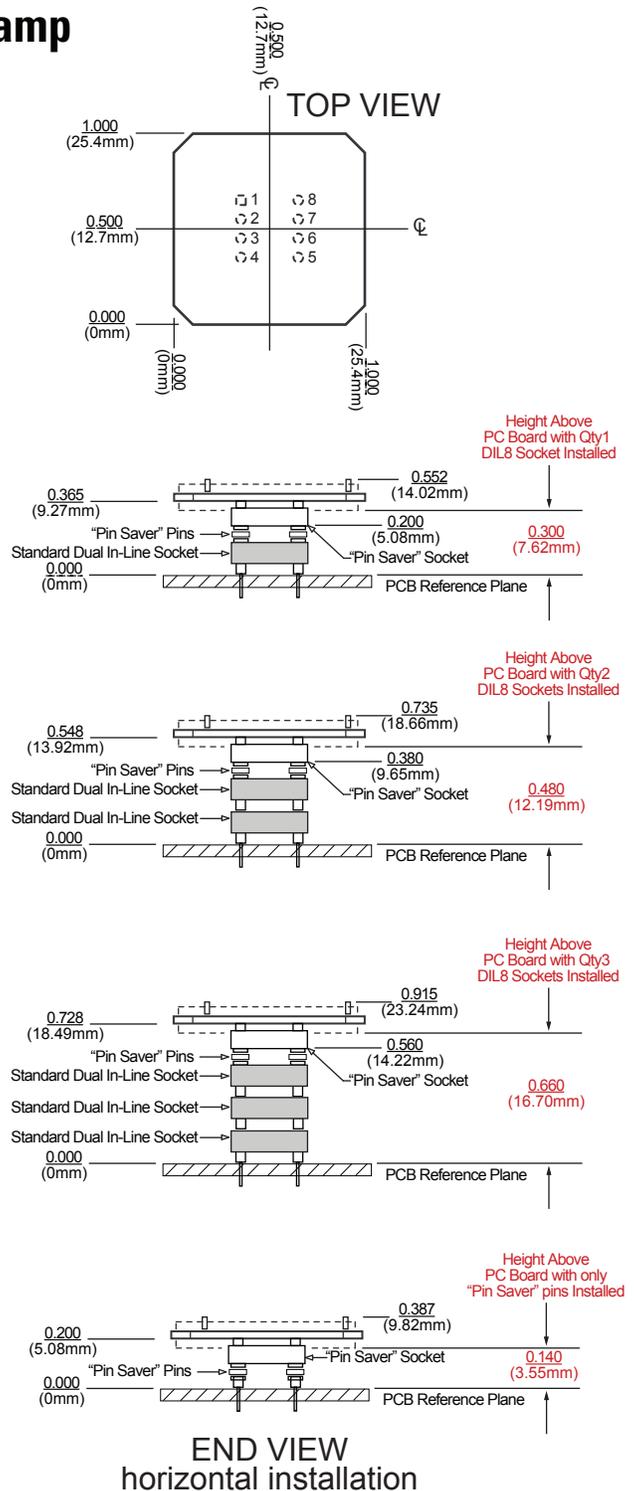
The 992Enh-Ticha high performance operational amplifier comes standard with a 8-pin dual in line female "Pin Saver" style SMT socket and 8 gold plated "Pin Saver" pins installed. 4 extra pins are provided in the event that the user damages or breaks pins during installation. Additionally, two DIL8 female to male sockets are also provided. Utilizing the "Pin Saver" system also allows other mounting options. In every mounting situation, the 992Enh-Ticha operational amplifier interface is protected from accidental damage.

For the vertical installation option, many connector manufacturers can provide both vertical or horizontal right angle dip socket connectors. If additional height is required, the user can add an additional standard dual in line socket to the stack to facilitate connection to the PCB. Additionally, if the user is required to mount the Model 992Enh to the left or right side of the existing PCB socket, a horizontal or vertical right angle display socket can be used and the Model 992Enh is simply rotated 90 degrees.

In all mounting situations, the user must keep the connection from pin 1 of the Model 992Enh to pin 1 of the device being replaced. Pin 1 of the 992Enh is identified on the bottom side of the PCB assembly. Incorrect installation will damage the 992Enh and void the warranty.

Referring to the mechanical diagrams to the right, the user has additional height options if it is required to mount the Model 992 over tall components.

Refer to page 2 of this application note for mechanicals of the Sonic Imagery Labs Model 994Enh-Ticha DUAL opamp module.





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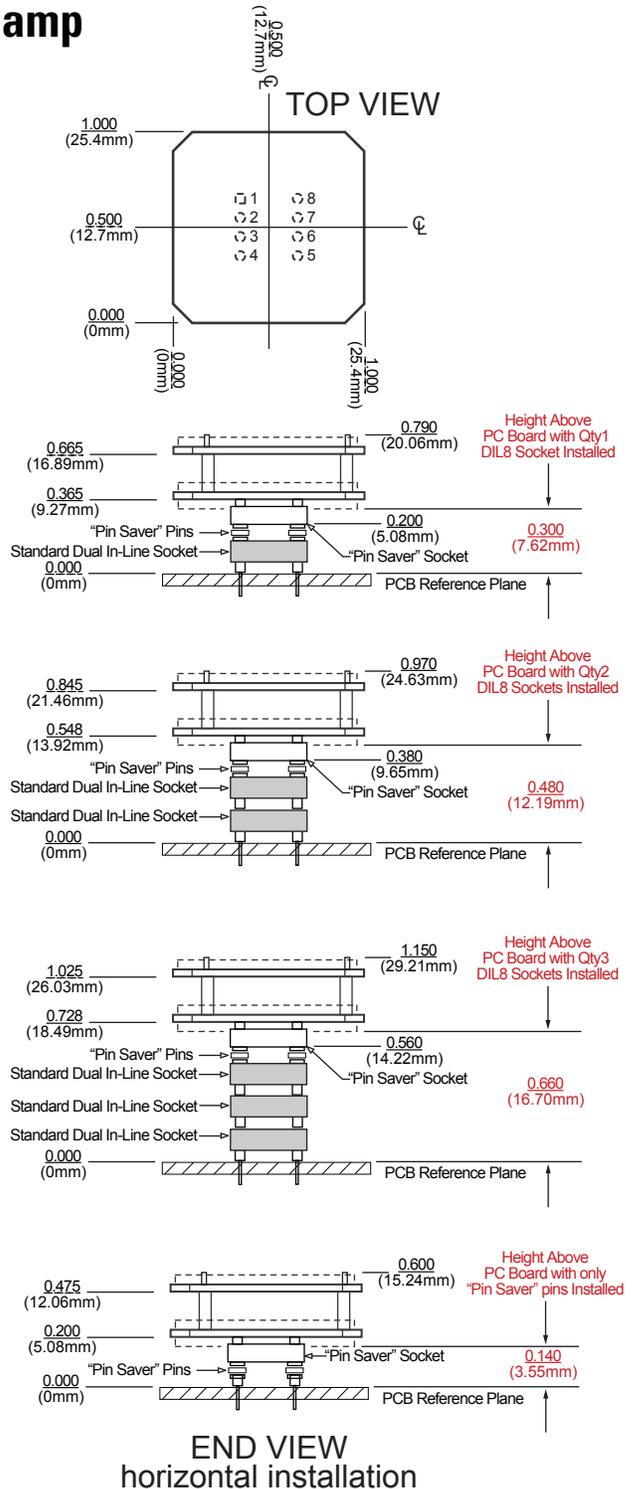
Model 992Enh-Ticha & 994Enh-Ticha Opamp Module Mechanics

The 994Enh-Ticha high performance operational amplifier comes standard with a 8-pin dual in line female "Pin Saver" style SMT socket and 8 gold plated "Pin Saver" pins installed. 4 extra pins are provided in the event that the user damages or breaks pins during installation. Additionally, two DIL8 female to male sockets are also provided. Utilizing the "Pin Saver" system also allows other mounting options. In every mounting situation, the 994Enh-Ticha operational amplifier interface is protected from accidental damage.

For the vertical installation option, many connector manufacturers can provide both vertical or horizontal right angle dip socket connectors. If additional height is required, the user can add an additional standard dual in line socket to the stack to facilitate connection to the PCB. Additionally, if the user is required to mount the Model 994Enh to the left or right side of the existing PCB socket, a horizontal or vertical right angle display socket can be used and the Model 994Enh is simply rotated 90 degrees.

In all mounting situations, the user must keep the connection from pin 1 of the Model 994Enh to pin 1 of the device being replaced. Pin 1 of the 994Enh is identified on the bottom side of the PCB assembly. Incorrect installation will damage the 994Enh and void the warranty.

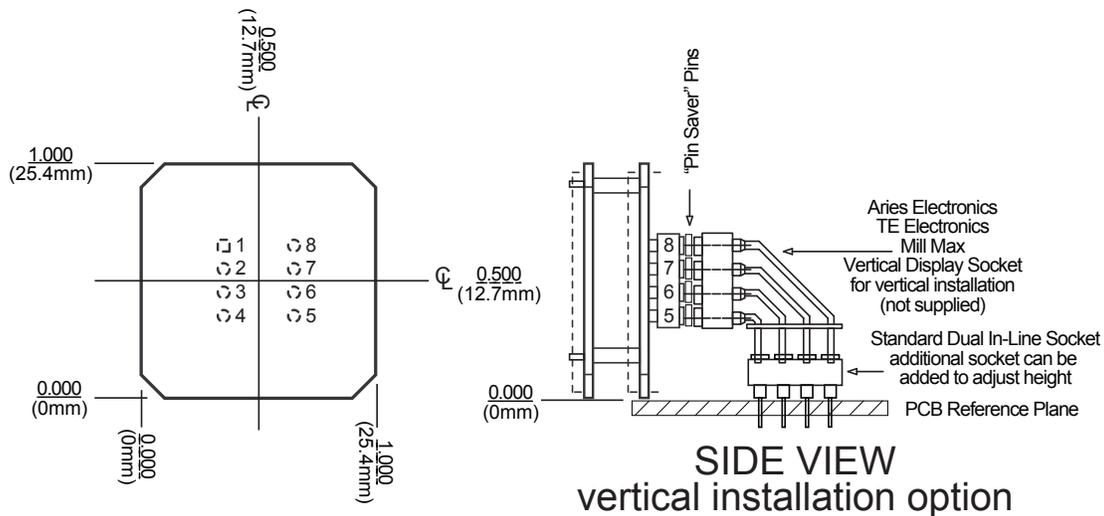
Referring to the mechanical diagrams to the right, the user has additional height options if it is required to mount the Model 994 over tall components.





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Model 992Enh-Ticha & 994Enh-Ticha Opamp Module Mechanicals



In the illustration above, if the user is required to mount the Model 99XEnh-Ticha module to the left or right side of the existing PC Board socket, a horizontal or vertical right angle display socket can be used and the Model 994Enh is simply rotated 90 degrees. If additional height is required, the user can add an additional standard dual in line socket to the stack to facilitate connection to the PC Board.

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