

PCA Fixture Kits

KIT Part Numbers: **956-0341 (SAE)**
 956-0342 (METRIC)

The PCA (Printed Circuit Assembly) Fixture Kits are a cost-effective standard set of parts that can assist mounting PCAs on ESPEC's repetitive shock vibration tables. These sets provide fixture versatility to locate many potential PCA mounting hole locations while being modular and adaptable to typical product variables.

DESCRIPTION

PCA's come in many shapes and sizes. Having a set of fixture tools that are adaptable to these differences is beneficial for success. Variables include:

- Overall Size, Shape, and Stiffness
- Mounting Holes – Locations, Diameters, Quantity
- Board Thickness
- Component Heights (Top and Bottom of Assembly)
- Component Access (Connectors, LED's)
- Mating Components (Cables, Probes)

Identifying and implementing a method of securing a PCA to a vibration table can be time consuming and expensive depending on these variables. With HALT, it is vital to create a solid link between the PCA and table to transmit vibration energy into the product, therefore the method of clamping is critical for identifying failure modes within a product.

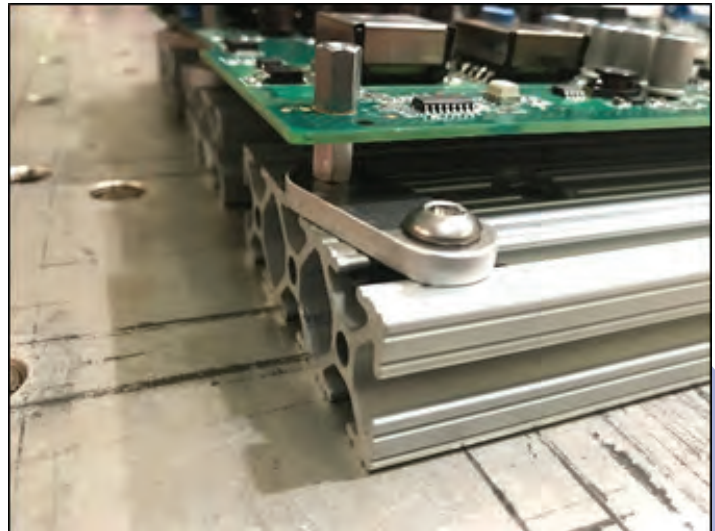
CUSTOMIZABLE CONFIGURATIONS

The hardware included in these kits allows for easy adjustability for a variety of PCA shapes and sizes with differing mounting hole sizes and locations. These kits can also be combined with hardware not included for an extended range of mounting hole and screw/standoff sizes.

Product mounting tabs are able to slide within the rail channels, along with providing 360° rotation. This allows flexibility to reach mounting holes in a variety of locations on a product. Multiple tabs may be installed onto either of the rail channels for multiple locations.

SPECIFICATIONS

- Coverage area = 8.0" x 8.0"
- Aluminum Extrusion Base Rails (x2)
- Adjustable mounting hole compatibility
- Screw and Standoff customizable
 - Length and/or material
- Hardware included



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