



Figure-1

Mechanical Integrity of Converter to end use PCB explained

Using the integral press-in standoffs for the purpose of controlling the converter's overall height from the customer's PCB gives the inherent advantage of eliminating internal stresses applied to the converter. With all forces of mounting hardware applied to the junction of the standoffs and customer's PCB *prior to soldering of I/O pins. There is zero stress applied to any other point within the converter.

Another advantage to this design is if the unit requires additional heat-sinking the added weight is also carried through the standoffs and to the customer's PCB directly and not through the PCB pins.

*It is recommended that the unit be mounted (fastened) to the customer's PCB before soldering the Input / Output pins.