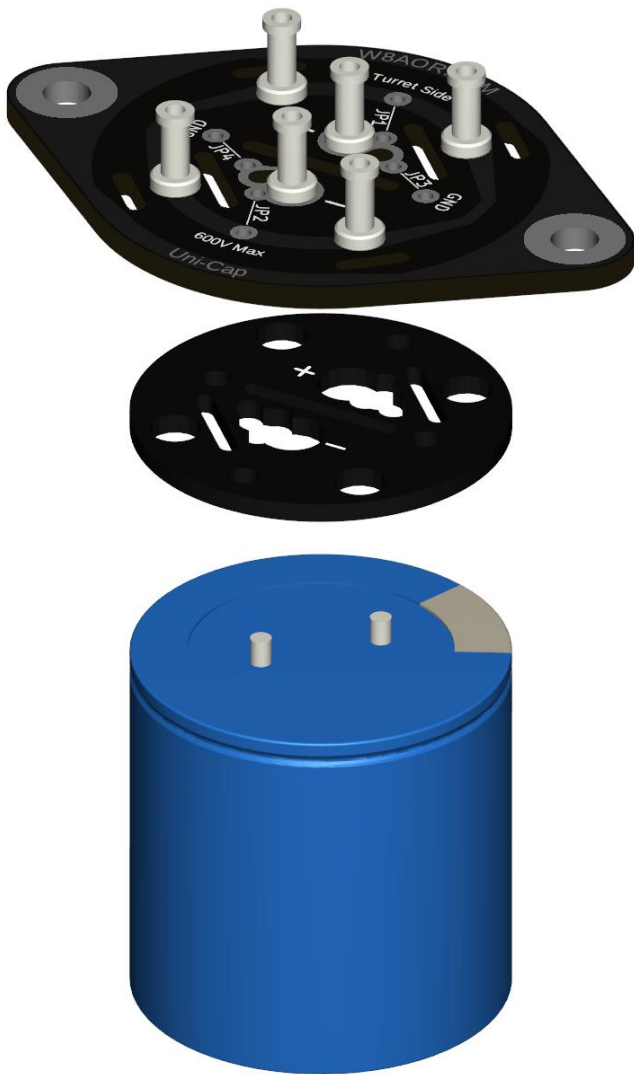


Uni-Cap



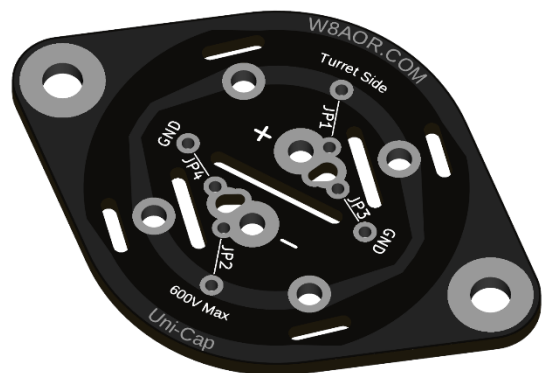
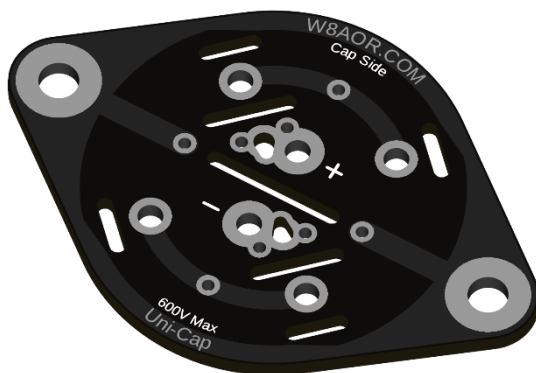
This kit is designed to replace single, high voltage can capacitors with 46 mm CTC mounting hole spacing. These cans were frequently used in old audio and radio frequency equipment and are typically 1-3/8 to 1-9/16 inches in diameter.

A custom capacitor PCB shaped like the original mounting flange provides an elegant way to install modern production radial caps, and robust turrets facilitate wiring the kit into your unit. An included spacer board provides a flat surface for the new caps to sit on. Thick 2-ounce copper is used to ensure very low resistance connections.

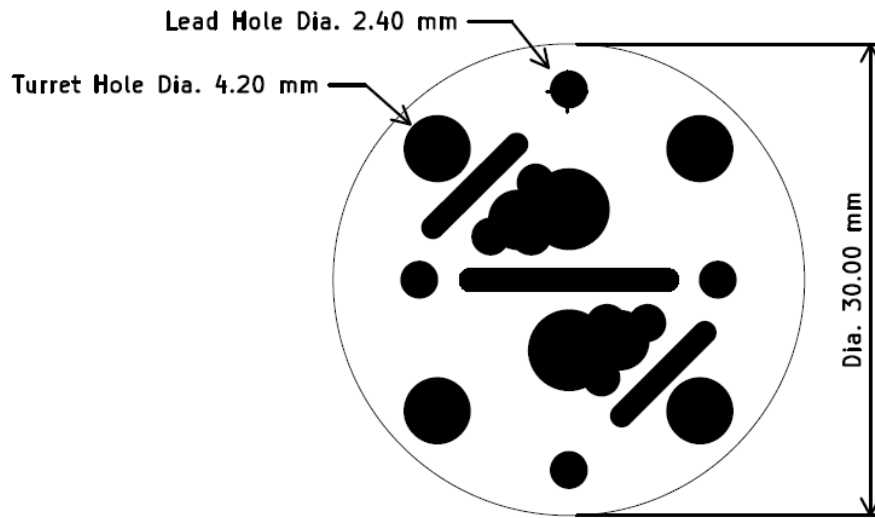
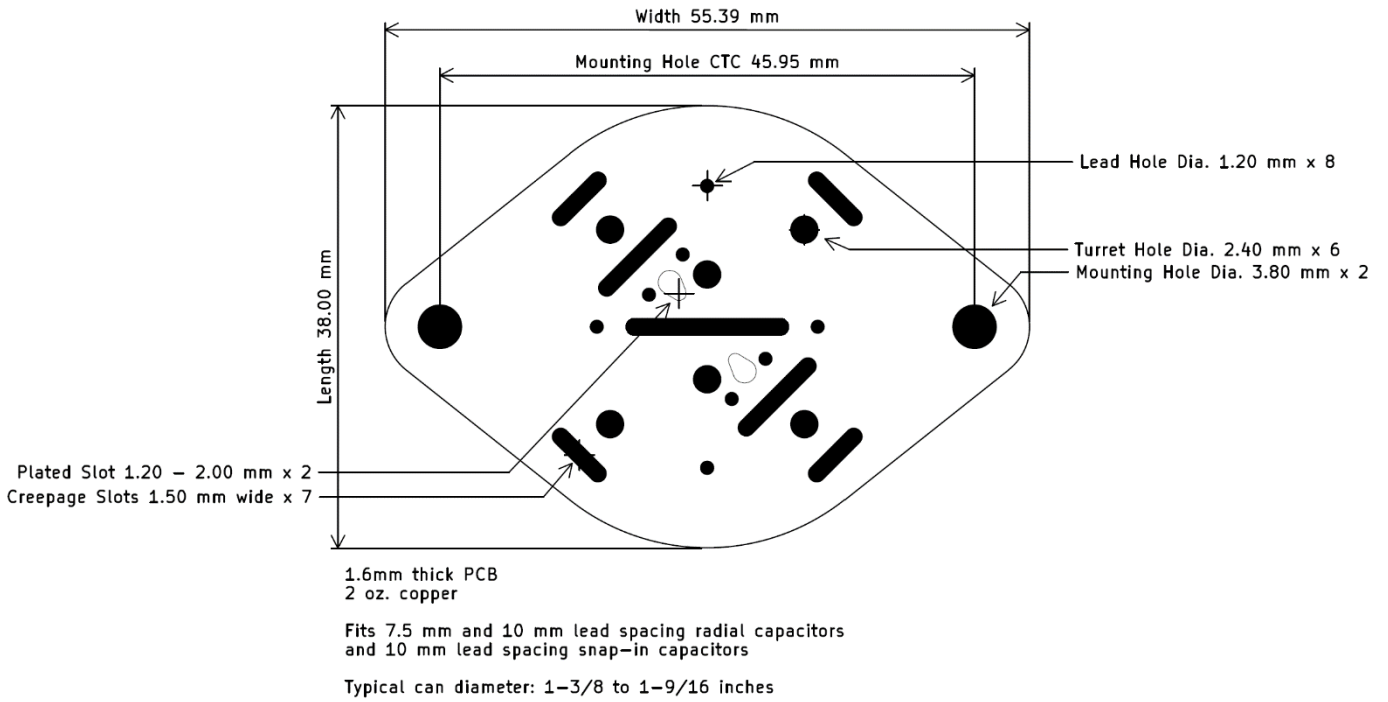
This board supports both 7.5 mm lead spacing caps and 10 mm lead spacing snap-in caps. The new cap connects to the center two turrets of this board, which can then be optionally connected to an outer ring of four “can turrets” or to chassis ground. The four can turrets are intended to replicate the outer 4 mounting tabs of the original cans which were frequently used to attach wires and component leads to.

Using wire jumpers enables the board to support both “CAN NEG” and “CAN POS” configurations that are either floating or chassis grounded.

Per IPC-2221B table 6-1, this board should not be used in circuits that experience peak voltages greater than 600V.



Uni-Cap



1.6 mm thick
No copper

Not to scale

Uni-Cap

- JP1 and JP2 can be used to connect the four optional "can" turrets to either side of the capacitor. This is useful for installations where the four twistable mounting tabs of the original can were used for attaching wires and component leads. In most cases the can was the negative terminal of the capacitor, but there are some variations where it was positive.
- JP3 and JP4 can be used to connect either side of the capacitor to the two plated mounting holes. This is useful for installations where one side of the capacitor was tied directly to chassis ground.
- Make sure you don't short out the capacitor by installing JP3 and JP4, or JP1 and JP2 at the same time!

