

## **Add Fuse to 40V Circuit on Alpha 9500 High Voltage Assembly ABX-X419**

Parts required:

KEYSTONE 3519 CLIP FUSE, THRU HOLE (two needed)

Mouser 534-3519

Fuse 5x20mm 1.25A Fast Blow

Mouser 576-02171.25HXP

- 1) Remove power transformer from amp and loosen Power Supply Stack so it can be moved around to access the HV board.
- 2) Remove diodes D7 and D8 from marked location on PCB
- 3) Install new parts DRX-X131 (same diode with longer leads) on bottom of board per photos. Be sure banded end is away from board.
- 4) Clip off pointed ends of one fuse holder clip (p/n FHX-X108) and solder it across the square pads that were for the banded ends of the two diodes. Be sure the clip fuse holder covers both pads evenly (about 1/2 of each pad) and does not lay on the adjacent traces on the board, use thick paper for spacer if necessary while soldering.
- 5) Install fuse in clip holder on board, and install another clip holder on the other end of the fuse. Bend lead of a diode over one of the points of the fuse clip and solder. Bend other diode lead over other point and solder.









