

Requesting Engineer: Selda Heavner

Approved by: \_\_\_\_\_

### STEREO IMPACT PLASTIC LVPS FM1 REWORK INSTRUCTIONS

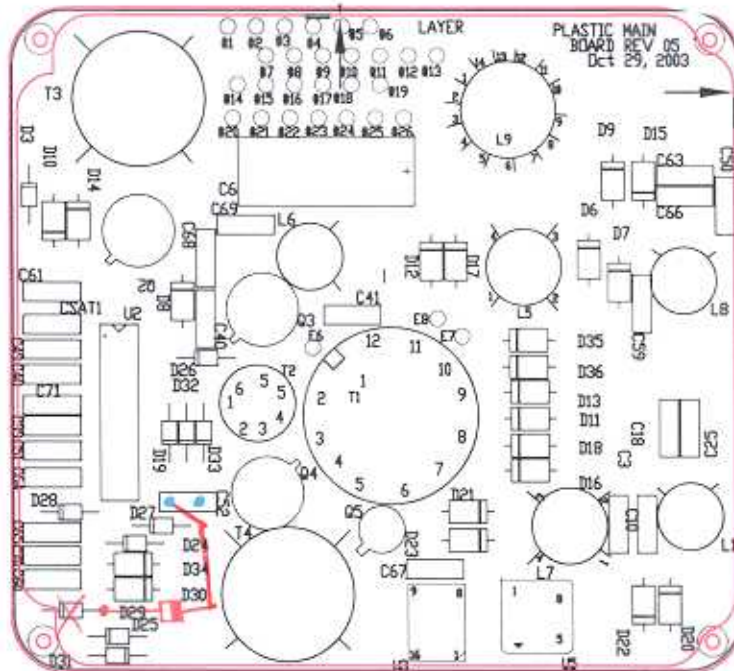
#### MECHANICAL ISSUES

- 1) D29 Cathode is touching the Plastic LVC Box.

**Solution:** Remove D29. Use a new part JANTXV1N5711-1. D29 can be soldered on the bottom side of the Plastic Main board and the cathode of D29 will be soldered on directly to C52. The leads of new D29 should have shrink tubing. Epoxy the pad (D29 cathode that is not used) that is exposed.

Completed by \_\_\_\_\_ Date \_\_\_\_\_

Date Code of the new component: \_\_\_\_\_



- 2) 400KHz oscillator U5 can is very close to the box. If the box vibrates the can might make contact with the Plastic LVC box. Use SG10.010 G-10/FR-4 to isolate the box (SSL P/N 8704824 4-16-04). Use 1838 Epoxy to glue G-10 to the box and Bake for 2hrs at 65°C.

Completed by \_\_\_\_\_ Date \_\_\_\_\_

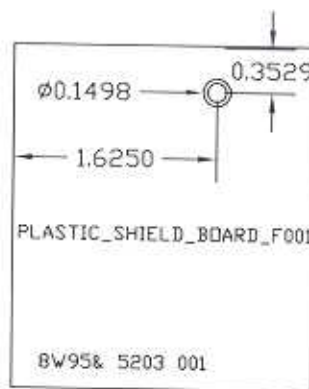
Approved by: Ron Jackson Approved by: 4/22/04

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- 3) Drill a hole on Plastic LVC Input Shield Board at dimensions shown below. The input power wires shall go through this hole. Use green epoxy after the hole is drilled. (The wires must be twisted). All dimensions shown in the figure are in inches.

Completed by \_\_\_\_\_ Date \_\_\_\_\_



- 4) Use conformal coating on the sides of the Plastic LVC Shield Board. (Uralane 5753)

Completed by \_\_\_\_\_ Date \_\_\_\_\_

Approved by: [Signature]  
 2004-4-22

Approved by: \_\_\_\_\_