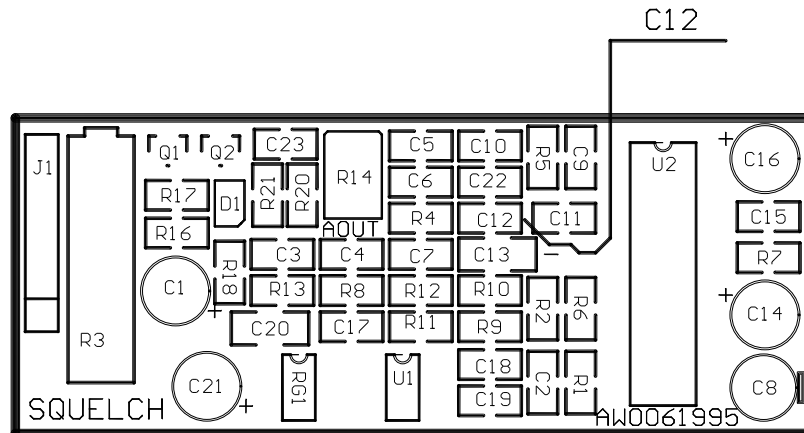


## ***RLC-MOT Short Squelch Timing Modification***

The RLC-MOT squelch boards dual action squelch does not seem to work properly on all modules. This modification cures the problem between short and long squelch switching. If your module has not been installed yet, you can return the module and Link Communications Inc. will replace your RLC-MOT with a modified version. If your module is in service the modification should be done on site with the enclosed parts.

- Locate chip capacitor C12
  - C12 is located above the larger black chip capacitor C13
- Remove C12 (0.15uF Capacitor)
  - To remove the capacitor use a small 30 watt soldering pencil iron and place the tip of the iron in the middle of the chip capacitor. When the solder melts remove and clean the circuit board pads; these pads will be used later with a new capacitor.
- Re-install the enclosed chip capacitor (0.01uF Capacitor)
  - If you don't feel comfortable with soldering the chip capacitor then install the enclosed axial capacitor across the 2 pads that held C12. Solder the axial capacitors legs to the circuit board pads. Gently bend the capacitor so it is parallel to the RLC-MOT. This insures the capacitor does not stick above the board and can not get knocked off by accident.
- Note the change on your schematic
- Link Communications Inc. can do the modification for you. Simply send the board to us and we will return it to you at no charge.



Sincerely,  
Link Communications Inc.  
Technical Support