

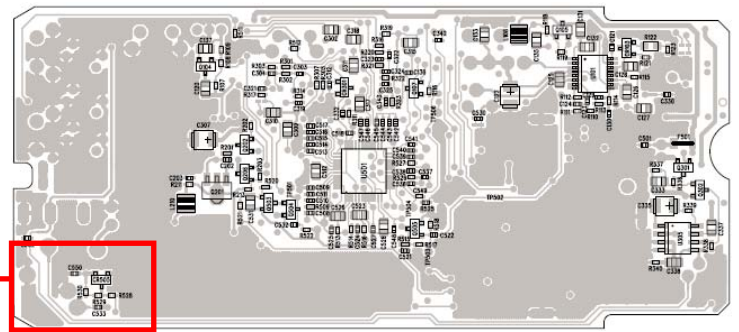
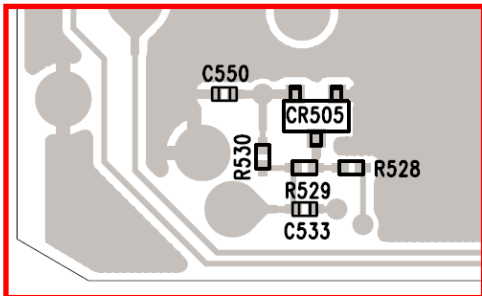
## PC Programming Problem JMX and SST Series Portable Radios

JMX and SST series portable radios returned for service repair can often times not be PC programmed. The failure is an isolation resistor between the 3.5mm jack Ring connection (used for serial programming) and the microprocessor. This failure is caused by incorrectly plugging the 2.5mm BC-A charger into the 3.5mm jack used for programming.

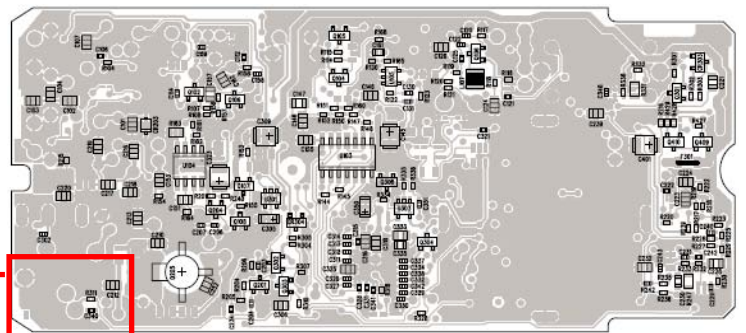
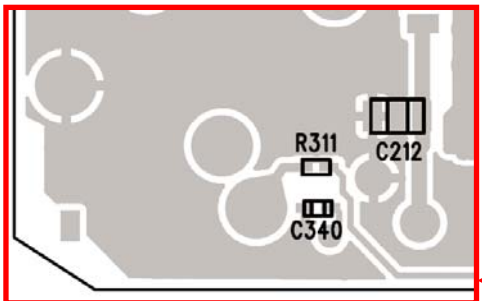
Details for this isolation resistor failure are:

- It has no negative effect other than the ability to PC program.
- It does not prevent Field (PTT) programming.
- Replacing the isolation resistor fixes the problem.

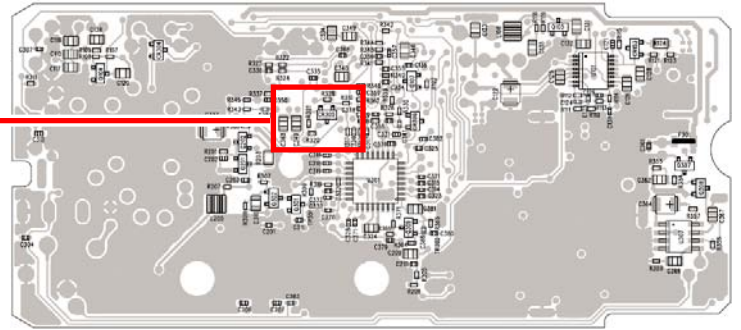
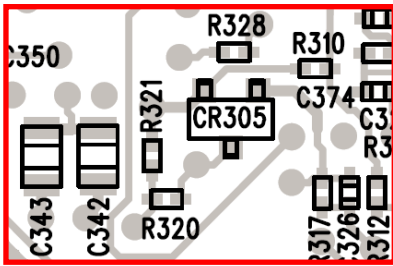
To repair JMX and SST portables with this problem the isolation resistor must be replaced per the following illustrations. Refer to you specific model number and the resistor location will be shown, regardless of PCB revision level. Contact Ritron if your PCB does not appear to be the same as any of these illustrations.



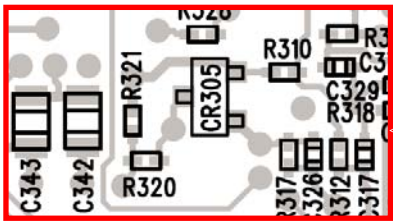
**Models:** JMX-446D, SST-446D  
**PCB:** G1750270M  
**Resistor:** R529  
**Value:** 470 Ohm, 0402 (47180471)



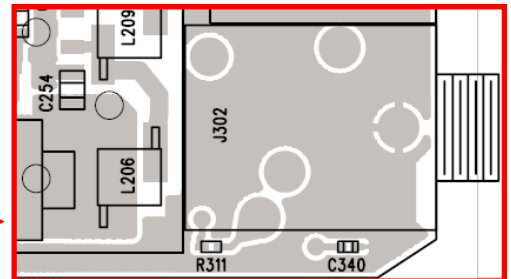
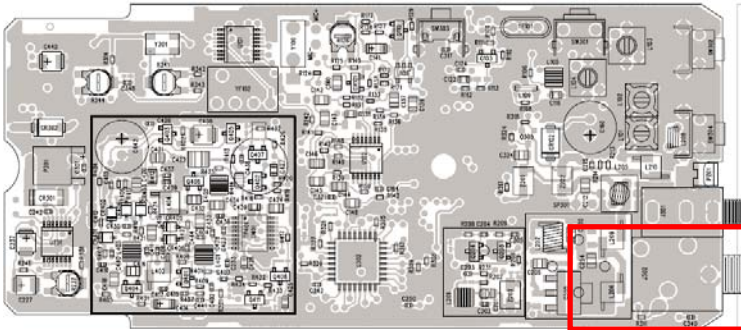
**Models:** JMX-141D, JMX-146D  
**PCB:** G1750350E  
**Resistor:** R311  
**Value:** 270 Ohm, 0402 (47180271)



**Models:** JMX-144D, SST-144D  
**PCB:** G1750250J  
**Resistor:** R320  
**Value:** 470 Ohm, 0402 (47180471)



**Models:** JMX-444D, SST-444D  
**PCB:** G1750240J  
**Resistor:** R320  
**Value:** 470 Ohm, 0402 (47180471)



**Models:** JMX-441D  
**PCB:** G1750300K  
**Resistor:** R311  
**Value:** 270 Ohm, 0402 (47180271)