



TELEDYNE INSTRUMENTS

Advanced Pollution Instrumentation

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Service Note

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RETROFIT TO CAS SWITCH

I. Scope:

This service note addresses changing a crystal in the CAS switch. The retrofit should be done on any CAS switch that has a symptom of dropping characters during send or receive.

II. Tools:

- A. Solder sucker or other removal device
- B. Soldering equipment
- C. 5.000 MHz crystal
- D. #2 Phillips head screwdriver

III. Procedure:

- A. Remove the cover and power from the CAS switch. On older models, this means removing 4 screws and sliding off the cover. On newer models, there are slide bars locking the cover on. Slide them and lift the cover off.
- B. Locate the crystal. It is to the right of the mode switch, just inside the front panel.
- C. Remove the screws holding the PC card in the case.
- D. Lift the PC card out of the case and turn it over.
- E. Remove the crystal from the PC card.
- F. Install the new crystal into the PC card.
- G. Assemble in the reverse order of disassembly.