

## Crystal Grounding W5USJ Drawing 12 Mar 2011

Here's another method of grounding crystals that allows the crystal to be grounded and still plug into a SIPP machined-pin socket.

Install and solder all three pins of a 3-pin length of a SIPP connector

Trim the crystal leads to a length of 3/16 inch.

Plug one of the clipped leads into the center hole of the 3-pin SIPP socket

Bend the lead over 90 degrees

Plug the crystal into the socket

Bend the wire up 90 degrees so it touches the bottom of the crystal

Using as little heat as possible, solder the lead to the bottom edge of the crystal.

Result: A removeable crystal with grounded case

