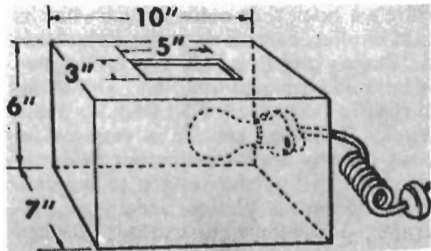


## PC Board Viewer

The enclosure shown in the figure is a very handy printed circuit board viewer. It was made out of 1/4-inch (6.4-mm) plywood, and the interior was lined with aluminum foil. A 25-watt incandescent bulb and bulb holder were installed to illuminate the inside of the box. In operation, the lamp's line cord is plugged into a power outlet and the printed circuit board to be observed is positioned over the opening on the top of the box. A visual inspection of the board for minute cracks can then be made. The box is also helpful when looking for unbonded foil (blisters) caused by excessive application of heat during soldering, for shorts or causes of leakage paths, for the exact



solder point when removing miniature components from densely packed pc boards such as those found in transistor radios, and when performing general circuit tracing. —*Harry J. Miller, Sarasota, FL.* ◇