

ABSTRACT OF THE DISCLOSURE

PIEZOELECTRIC OSCILLATOR

A piezoelectric oscillator comprises a piezoelectric oscillating reed, an insulating substrate for retaining the piezoelectric oscillating reed, and a cap fixed onto the top surface of the insulating substrate for enclosing the piezoelectric oscillating reed. Four connecting electrodes are formed on the top surface of the insulating substrate for electrical connection to the oscillating reed, which are divided into two groups. Each group includes two connecting electrodes which are connected to each other by metal interconnects. The insulating substrate is rectangular, and two connecting electrodes, each of which belong to one group, are located along the shorter sides of the insulating substrate. On the bottom surface of the insulating substrate, at least two external electrodes are formed, to which metal interconnects for each group are connected through the side surface of the insulating substrate.

