



ABSTRACT

A resonator consists of an external conductor (1), a dielectric plate (2), a resonance capacity element, an input terminal (5), and an output terminal (6). The dielectric plate (2) is fixed at its upper and lower ends to the upper and lower walls, respectively, of the external conductor (1). The resonance capacity element is composed of electrodes of a metal thin layer or a metal plate provided on the front and back of the dielectric plate (2). The lower end of one of the electrodes is electrically connected to the lower wall of the external conductor (1), and a gap is formed between the upper end of the electrode and the upper wall of the external conductor (1), while the upper end of the other electrode is electrically connected to the upper wall of the external conductor (1), and a gap is formed between the lower end of the other electrode and the lower wall of the external conductor (1).

This Sheet Has Been Replaced

