

ABSTRACT

ACOUSTIC WAVE FILTER AND MODULE

An acoustic wave filter includes: multimode filters, each including an IDT, connected in parallel; a ceiling that is commonly located above at least two multimode filters of the multimode filters so as to form a cavity between the IDT and the ceiling, electrically connected to the multimode filters, and formed of a metal; and at least two terminals that are electrically connected to the ceiling and located above the at least two multimode filters.

FIG. 4