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(54) ACOUSTIC WAVE ELEMENT, ACOUSTIC WAVE FILTER DEVICE, AND MULTIPLEXER

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(57) ABSTRACT

In an acoustic wave element, a distance between a comb electrode finger closest to a reflector and a reflective electrode finger closest to an interdigital transducer (IDT) electrode is set as an IDT-reflector gap. An inter-center distance between adjacent electrode fingers is set as a pitch. The electrode fingers in a direction from the comb electrode finger closest to the reflector toward a center are sequentially set as an n-th end-side electrode finger, and a pitch between the n-th end-side electrode finger and an (n+1)-th end-side electrode finger is set as an n-th end-side pitch. An average value of each pitch by all the comb electrode fingers is set as an average IDT pitch, and an average value of each pitch by the reflective electrode fingers is set as an average reflector pitch.

