

ABSTRACT

A surface acoustic wave (SAW) device having improved moisture resistance is provided. The device includes a piezoelectric substrate, an interdigital transducer (IDT) electrode on a first surface of the piezoelectric substrate, and a resin coating for covering the IDT electrode. After a piece
5 of resin material of the resin coating is dipped in an amount of pure water as solvent having a mass as 10 times great as the piece of resin material at 120°C under 2 atom pressure for twenty hours, a concentration of chlorine ion in the solvent is not higher than 50ppm



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