

Abstract

An object of the present invention is to provide a technique for obtaining a through electrode having both a smooth side surface of a through hole and high reliability. A glass substrate of the present invention is a glass substrate, having a first surface and a second surface, that includes at least one through hole penetrating from the first surface to the second surface, wherein a side surface of the through hole is such that: a side surface angle is in a range of 4° to 7° inclusive at a distance in a range from 0% or more to less than 10% from the first surface, and when the side surface of the through hole is regarded as a left side surface and a right side surface in a cross-sectional view, a difference between an inclination angle of the left side surface and an inclination angle of the right side surface is 1.0° or less; and a side surface angle is in a range of -7° to -15° inclusive at a distance in a range from 10% to 100% inclusive from the first surface, and a difference between an inclination angle of the left side surface and an inclination angle of the right side surface is 1.0° or less.

[Selected Drawing] FIG. 1