

ABSTRACT

Provided are a piezoelectric actuator that achieves a satisfactory electrical connection of a common electrode and a surface electrode without increasing the size of the piezoelectric actuator, as well as a liquid discharge head and a recording device. The piezoelectric actuator includes: a ceramic substrate which is long in one direction and includes a vibrating plate 21a, a common electrode 24 disposed on the vibrating plate 21a, and a piezoelectric ceramic layer 21b disposed on the common electrode 24 and having a plurality of first through holes 29a connected to the common electrode 24; a plurality of individual electrodes 25 disposed in a region of the piezoelectric ceramic layer 21b opposed to the common electrode 24; and a plurality of first surface electrodes 21a respectively disposed inside a plurality of the first through holes 29a in the piezoelectric ceramic layer 21b and on a circumference of a plurality of the first through holes 29a. A plurality of the first through holes 29a are arranged along the one direction at a central part of the ceramic substrate in a direction orthogonal to the one direction. The first surface electrodes 28a are long in the one direction.