

ABSTRACT

A substrate on which an optical element is mounted is provided, including: an optical element; an optical circuit substrate which is formed by an optical waveguide layer having a core portion and cladding portions; and an electrical circuit substrate on which is provided a mounting portion that is used for mounting the optical element, wherein the optical element is mounted on the electrical circuit substrate via the optical circuit substrate and wherein the optical circuit substrate has an optical element mounted thereon and is provided with a receptor structure having a conductive portion that conducts electricity between an electrode of the optical element and an electrode of the electrical circuit substrate.