

ABSTRACT

This application provides an optical cage component and an optical communications device. The optical cage component includes an optical cage and a base. The optical cage has a mounting surface. The base is configured to connect to the mounting surface. When the optical cage is assembled on a circuit board, a component and the base may be first fixed on a surface of the circuit board using an SMT technology. After optical inspection is performed on the component and the base, the optical cage is fixed on the base. Based on the foregoing process, it is ensured that the optical inspection can be performed on the component between the optical cage and the circuit board, to help ensure mounting quality of the component. In addition, a front projection area of the base on a reference plane is less than an area of the mounting surface, where the reference plane is a plane on which the mounting surface is located. This avoids a case in which an area occupied by the base on the circuit board is less than an area of a component mounted on the circuit board blocked by the optical cage, to effectively ensure utilization of an area of the surface of the circuit board.

FIGURE 1