

OPTICAL MODULE

ABSTRACT

5 An optical module, comprising a housing (10), and a circuit board and an optical assembly provided in the housing (10). The housing (10) has an optical port (11), an adaptation portion (12) being provided at the optical port (11). The optical assembly comprises an optical socket (20) disposed in the adaptation portion (12) in a radial limiting manner. The optical module further comprises a pressing piece (30) and a plugging structure (40) provided in the housing (10), the
10 plugging structure (40) being oppositely disposed on two sides of an axis of the optical socket (20). Two opposite ends of the pressing piece (30) are inserted into the plugging structure (40). The pressing piece (30) is provided with at least one elastic piece structure (31), the elastic piece structure (31) having an elastic piece (31a) abutting against the optical socket (20) along the axial direction of the optical socket (20), and two ends of the pressing piece (30) abutting against the
15 plugging structure (40), so that the elastic piece (31a) presses the optical socket (20) into the adaptation portion (12). By means of the elastic piece structure (31) provided on the pressing piece (30), the optical socket (20) elastically abuts in the adaptation portion (12), and the two opposite ends of the pressing piece (30) are inserted into the plugging structure (40), so that the pressing piece (30) is not prone to deflection and loosening when pressing the optical socket (20).

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FIG. 4