

[Document Type] Abstract

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[Problem to be Solved] Allowing mounting of a hard disc drive on a substrate without useless open space remaining on the substrate, and allowing miniaturization of the substrate.

[Means to Solve the Problem] A connector structure providing a female connector 10 fixed to a substrate B and a male connector 20 provided on a hard disc drive D to be mounted on the substrate B, wherein grooves 12 that open continuously on the upper surface 11b and the side surface 11c thereof are provided formed substantially perpendicular to said substrate B on the female connector 10, and at the same time, female contacts 13 are provided inside these grooves 12, male contacts 22 that engage the female contacts 13 are provided so as to protrude sideways from the hard disc drive D, the hard disc drive D is brought into contact to the substrate from above, and by this process, the male contacts 22 are inserted into the grooves 12 and engages with the female contacts 13.

[Elected Drawing] Fig. 4

This Sheet Has Been Replaced

