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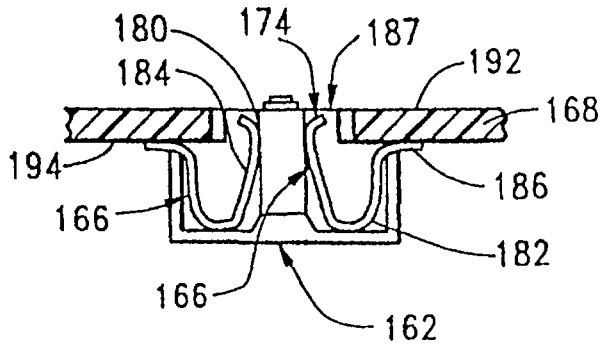
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(54) Title: LOW INDUCTANCE FLEX-TO-PCB SPRING CONNECTOR FOR DISC DRIVE

(57) Abstract

A low inductance electrical spring connector (162) for use on a printed circuit board (168) of a disc drive (100). The spring connector interconnects conductors (152) of a flex circuit (150) extending through a basedeck (104) of the disc drive to conductive traces (170) of the printed circuit board supported on an exterior surface of the basedeck. The spring connector has a dielectric housing (164) which forms an insertion cavity (176). Conductive spring contacts (166) are provided, each having a first end (186) extending from the dielectric housing and a second end (180) confined by the dielectric housing. The first ends are attachable to the conductive traces of the printed circuit board and the second ends are pre-load contact portions having respective contact surfaces extending into the insertion cavity to engage the conductors of the flex circuit.



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