ABSTRACT

ELECTRICAL INTERCONNECT FOR A HEAD/ARM ASSEMBLY OF COMPUTER DISK DRIVES

A disk drive has an electrical interconnect (62, 70; 80, 80a) for coupling one or more conductors (56) provided on an actuator arm to a flexible connector (80, 80a). The interconnect consists of one or more tabs (62, 70) extending beyond a peripheral edge (52) of the actuator arm (26) and one or more slots (88-91) formed on the flexible connector (80) to receive the tabs (62, 70). After the tabs (62, 70) are inserted into the corresponding slots (88-91), the tabs (62, 70) and flexible connector (82) define L-shaped joints. Solder beads (93) are deposited in these L-shaped joints to electrical couple the actuator arm (26) to the flexible connector (80, 80a).

(Fig. 2)

This Sheet Has Been Replaced

