

SHOCK MOUNT CONNECTOR FOR HEAD DISK ASSEMBLY

ABSTRACT

A hard disk drive connector (11) with elastomeric shock mounts (21) reduces the amount of mechanical vibration or shock which can travel to or from the head disk drive. The shock mounts (21) are placed between the system components and the mechanical fasteners (25) of the connector (11) to mechanically isolate the connector (11). The shock mounts (21) attach to the head disk assembly where they work through compression beams to the card electronics. This configuration isolates the head disk assembly from shock coming from the system through the card electronics. It also isolates vibration emitted from the head disk assembly to the system.

FIG.1