

REMOVABLE ELECTRONIC SUBASSEMBLY WITH A COMPRESSIBLE SHOCK ABSORBING DEVICE

ABSTRACT

A removable electronic subassembly (30) is designed for placement into a data processing system (12) which requires said removable electronic subassembly to fit into an aperture (14) defining a selected form factor. The removable electronic subassembly (30) comprises a rigid enclosure (16) which encloses interior components of the removable electronic subassembly (30). The rigid enclosure (16) has exterior dimensions which are smaller than the selected form factor. A layer of resilient material (28) is mounted to an exterior of the rigid enclosure (16). The layer of resilient material (28) and the rigid enclosure (16) have at least one exterior dimension which exceeds the selected form factor in an uncompressed state wherein the resilient material (28) may be compressed such that the at least one exterior dimension conforms to the selected form factor.

Fig. 3.