Contact socket module and method of testing electronic components using a contact socket module

Abstract

A contact socket module for use in an automated test equipment (ATE) for testing electronic components (DUTs) being carried by a carrier comprises: a plurality of groups of spring contacts, wherein each spring contact comprises a DUT sided contact tip, a retracting plate being moveable, and a controller controlling the movement of the retracting plate, wherein the retracting plate and the spring contacts act mechanically on each other. In a first position the DUT sided contact tips are adapted to contact to contact portions of the electronic components, and in a second position, the DUT sided contact tips are adapted to release the contact to the contact portions of the electronic components.

(Fig. 1)