

This Sheet Has Been Replaced

Patent
A0-014 SGABSTRACT OF THE DISCLOSURESOCKET FOR PIN GRID ARRAY PACKAGE

A socket is provided for a pin grid array (PGA) package having a plurality of lead pins in a grid array. The socket includes a base housing and a plurality of terminals mounted on the base housing in a grid array corresponding to the array of the lead pins of the PGA package. A slide plate is mounted on the base housing and includes a plurality of through-holes arranged in a grid array for receiving therethrough the lead pins of the PGA package. The slide plate is slidably movable relative to the base housing in a given direction to drive the lead pins of the PGA package into engagement with the terminals on the base housing. A slide actuator is mounted on the base housing for sliding movement relative thereto in a direction generally transversely of said given direction of sliding movement of the slide plate. A cam mechanism is provided between the slide plate and the slide actuator for slidably moving the slide plate relative to the base housing in response to sliding movement of the actuator relative to the housing.