

Apparatus And Method For Detecting Alignment Of Contacts
In A Multi-substrate Electronic Assembly

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Abstract of the Disclosure

An apparatus and method for detecting alignment of corresponding contacts (205 and 206) in a multi-substrate electronic assembly (107). In a preferred embodiment, a liquid crystal display (LCD) assembly (107) includes a display substrate (201) having first (205) and third (701) contacts and a printed circuit substrate (204) having second (206) and fourth (702) contacts. The first (205) and second (206) contacts are subject to alignment according to a first criterion. The third (701) and fourth (702) contacts are subject to alignment according to a second criterion more restrictive than the first criterion. A path (709) permits electrical coupling between the third (701) and fourth (702) contacts. A measure of the electrical coupling through the path (709) is indicative of alignment of the third (701) and fourth (702) contacts according to the second criterion, such that alignment of the third (701) and fourth (702) contacts according to the second criterion is indicative of alignment of the first (205) and second (206) contacts according to the first criterion.

FIG. 2 accompanies this abstract.