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(54) Title: ELECTRICAL CONNECTOR WITH PROVISIONS TO REDUCE THERMALLY INDUCED STRESSES

(57) Abstract: A preferred embodiment of an electrical connector includes a housing, a wafer positioned adjacent the housing and being movable in relation to the housing, a first contact extending through the housing, a first fusible element mounted on an end of the first contact for securing the first contact to the housing and to a first location on a substrate, a second contact extending through the housing and the wafer and being movable in relation to the housing, and a second fusible element mounted on an end of the second contact for securing the second contact to a second location on the substrate so that the second contact can deflect substantially independent of the housing and the first contact in response to relative movement between the housing and the second location on the substrate.

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