DIRECT-DOCKING PROBING DEVICE

ABSTRACT

A direct-docking probing device is provided. The probing device includes a probe interface board, a space transformer, a conductive elastic member, a fixing frame, and at least one vertical probe assembly. The space transformer includes a space transforming plate and a reinforcing plate, and the mechanical strength of the reinforcing plate is larger than that of the space transforming plate. The reinforcing plate is electrically connected with the space transforming plate. Furthermore, the conductive elastic member is electrically connected with the probe interface board and the reinforcing plate. The fixing frame includes a stiffener, a frame body, and a pressing portion. The stiffener is disposed on the probe interface board. The frame body contains the conductive elastic member. The pressing portion is pressed on the space transformer. The vertical probe assembly includes a plurality of vertical probes which are electrically connected with the space transforming plate.

(Fig. 4A)