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Abstract of the Disclosure

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CONTACT STRUCTURE FORMED BY MICROFABRICATION PROCESS

A contact structure for achieving an electrical connection with a contact target is formed by producing a contactor on a planar surface of a substrate by a microfabrication technology. The contactor has a base portion vertically formed on the substrate, a horizontal portion, one end of which is formed on the base portion, and a contact portion formed on another end of the horizontal portion. A spring force of the horizontal portion of the contactor provides a contact force when the probe contactor is pressed against the contact target. In another aspect of the disclosure, the contact structure includes a recess for providing a free space for the contactor when contactor is pressed against the contact target.

FIG. 8A