PROBE HEAD OF VERTICAL PROBE CARD AND MANUFACTURING METHOD OF COMPOSITE BOARD OF PROBE HEAD

ABSTRACT

A probe head of vertical probe card and a manufacturing method of a composite board thereof are provided. The probe head includes guide plate, composite board, and probe pin. The composite board includes first board layer and second board layer which are laminated together by joining operation. The composite board further includes through hole which is made by drilling and passed all the way through the first board layer and the second board layer. The friction coefficient of the first board layer is less than that of the second board layer, and the thermal expansion coefficient of the second board layer is less than that of the first board layer. The probe pin is penetrated all the way through the through hole of the composite board. By this, friction between the probe pin and composite board is reduced so as to stabilize the position of the probe pin.

(Fig. 2)