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ABSTRACT OF THE DISCLOSURE

IMPROVED MICROSTRIP EDGE CARD CONNECTOR

A circuit card connector (100) that utilizes flexible circuitry (140) includes an elongated base (102), a pair of cradle spring members (115) supported on the base, and a pair of contact springs (130) movably supported on the cradle spring members (115). The cradle spring members (115) include a plurality of reset arms (126) that extend upwardly therefrom into contact with the undersides of the flexible circuitry (140). The flexible circuitry (140) includes an apertured ground plane layer (168) spaced apart from and located beneath the signal face layer (162). The apertures in the ground plane layer (168) increase its flexibility especially at the interconnection interfaces (141, 143) to increase the compliance of the connector (100).

Fig. 6