



ABSTRACT

Edge Connector for a Printed Circuit Board

An edge connector (10) is adapted for use with a printed circuit board (11) having a mating edge (11a) and a plurality of contact pads (42) on opposite sides of the board adjacent the edge. The connector includes an elongated dielectric housing (12) having a slot (20) for receiving the mating edge of the printed circuit board. A plurality of terminals (26) are mounted on the housing along the slot. Each terminal includes a pair of side support portions (28a, 28b) fixed to the housing outside opposite sides of the slot, a cross brace portion (30) extending between the side support portions, a terminating portion (32) projecting below the cross brace portion and a spring contact arm (34) projecting upwardly from the cross brace portion and including a contact portion (34b) for engaging one of the contact pads on the printed circuit board. The terminals are oriented in an alternating array along the slot whereby the contact portions alternately engage contact pads on opposite sides of the printed circuit board.