

Patent
99-071 SGABSTRACTBOARD MOUNTED EDGE CARD CONNECTOR WITH EJECTOR MECHANISM

An electrical connector (14) is disclosed for connecting conductive pads on a daughter circuit board (58) to conductors on a mother circuit board (16). The connector includes an insulative housing (18) having side walls (26) defining an elongated slot (28) for receiving an edge of the daughter circuit board, an ejector recess (34) at one end of the slot and a fastener-receiving portion (36) adjacent the recess. A fastener (22) is mounted in the fastener-receiving portion (36) and includes an engaging section (22b) for fastening the connector the mother circuit board. An ejector (24) is mounted in the ejector recess (34) for movement relative to the housing. The ejector includes an ejection surface (50) for engaging the daughter circuit board to eject the daughter circuit board in response to movement of the ejector. The ejector includes a groove (52) for enveloping at least a portion of the fastener-receiving portion (36) of the housing.

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