

ABSTRACT**ELECTRICAL CONNECTOR FOR MOUNTING ON A PRINTED CIRCUIT BOARD**

5 An electrical connector (10) is adapted for mounting on a printed circuit board (12). The connector includes a dielectric housing (14) having a plurality of terminal-receiving passages (16). A plurality of standoffs (17) project from the housing toward the printed circuit board to space the housing from the board. The housing is unitarily molded of plastic material. A plurality of terminals (34) are received in the passages. Each terminal includes a contact beam section (36) in the housing, a tail section (38) projecting from the housing and a retention section (40) therebetween. A plurality of retention bosses (46) are molded integrally with the housing in alignment with the passages and project from the housing toward the printed circuit board whereby the passages extend through the retention bosses. The terminals are stamped and formed of sheet metal material with at least portions of the retention sections of the terminals being located in the passages within the retention bosses. In an alternate embodiment of the invention, the standoffs (17) are eliminated, and the retention bosses (50) perform a dual function of retaining the terminals and providing standoffs for the connector.

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