

CONNECTOR

ABSTRACT

A connector comprising an insulative housing that has a top, a bottom, a first side, a second side, all four sides connected to form a mating face and a board-mounting end; a plurality of terminals supported in the housing and terminating at the board-mounting end wherein each terminal further comprises a contact portion configured to establish electrical contact with a complementary mating connector, a solder tail that extends out of the housing at the board-mounting end, a body portion that is disposed intermediate the contact portion and the solder tail and which interconnect them together; a plurality of solder tabs engaged with the housing; and a plurality of engagement portions coupled to the housing to confine the solder tabs to a predetermined position with respect to the housing.

Another embodiment is further described, the electrical connector comprising an insulative housing that has a top, a bottom, a first side, a second side, all four sides connected to form a mating face and a board-mounting end wherein at the mating face, there is at least one mating slot extending into the housing; a plurality of terminals supported in the housing and terminating at the board-mounting end wherein the terminals are grouped into a first set and a second set and each terminal in the first set and the second set further comprises a contact portion that extends into the mating slot, a solder tail that extends out of the housing at the board-mounting end, a body portion that is disposed intermediate the contact portion and the solder tail and which interconnect them together; a plurality of solder tabs engaged with the housing; and a plurality of engagement portions coupled to the housing to confine the solder tabs to a predetermined position with respect to the housing.

FIGURE 2B