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ELECTRICAL CONNECTOR FOR ANTENNA OR THE LIKE

Abstract of the Disclosure

An electrical connector is disclosed for being mounted on a board and for connecting a loop antenna to a circuit on the board. The antenna connector has a connector block and first and second terminals. The connector block is constructed from a non-conductive material and has opposing top and bottom faces, first and second opposing side faces, and a center portion extending between the top face and bottom face. The center portion defines first and second bays isolated from each other, where the first and second bays are exposed at the top and bottom faces. The first and second bays are further exposed, respectively, at the first side face and the second side face. The first and second terminals are mounted in the first and second bays of the connector block. Each terminal is constructed from a conductive material and has an open jaw positioned at the top face of the connector block, and a contacting portion opposite the open jaw and positioned at the bottom face of the connector block. The antenna connector is mounted to the board such that the bottom face of the connector block faces the board, and such that the contacting portions of the first and second terminals are in electrical contact with corresponding pads on such board. The first and second terminals respectively receive a first end and a second end of the loop antenna.

Figure 1

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