

Abstract

A modular plug which has an insulative housing comprising a front wall, a rear wall, a top wall, a bottom wall and a pair of lateral walls which are perpendicularly interposed between the top two bottom walls. There are a plurality of front longitudinal terminal receiving slots in the top wall adjacent the front wall. There is also a cable receiving cavity in the rear wall. A plurality of rear longitudinal terminal contact receiving slots are in the top wall and between the front longitudinal terminal contact receiving slots and the rear wall. A medial component housing cavity is interposed between the front longitudinal terminal contact receiving slots and the rear longitudinal terminal contact receiving slots. There is also a first plurality of conductive means, each of which extends from the rear wall of the jack to adjacent a different one of said rear longitudinal contact terminal receiving slots. There is also a first plurality of terminal contacts, each of which is positioned in a different one of said rear longitudinal contact receiving slots and is connected to a separate one of the first plurality of conductive means. A second plurality of terminal contacts is positioned is that each of them is in a different one of said front longitudinal terminal contact receiving slots. There is at least one electronic component positioned in the medial component receiving cavity. A second plurality of conductive means connects a different one of the first plurality of terminal contacts with one of the electronic components. A third plurality of conductive means each of which connects one of the electronic components with a different one of the second plurality of terminal contacts.

This Sheet Has Been Replaced