

## **BOARD-TO-BOARD CONNECTOR**

### **ABSTRACT**

A plug connector comprising an insulative housing comprising an insulative longitudinal base with an insulative wall having a first face and a second face, the  
5 insulative wall extending from the longitudinal base and separating the longitudinal base into a first portion and a second portion, a first group and a second group of first passageways, a set of second passageways configured alongside the first passageways wherein each second passageway has a first segment extending from  
10 the first face of the insulative wall to the first portion of the longitudinal base and a second segment extending from the second face of the insulative wall to the second portion of the longitudinal base and a third segment connecting the first segment to the second segment and a plurality of signal contacts disposed in the first passageways.

15 **Figure 1**