

ABSTRACT

A connector having a set of terminals that are preferably coplanar and are used to connect electrical components, such as surface mount components, with a printed circuit board (PCB). The connector uses an insulative wafer to achieve and to maintain the coplanarity of the terminals. Initially, the terminals are overbent so that as the wafer is being placed in the connector housing, the terminals contact the wafer on a slope of the wafer. In other words, as the wafer is being mated with the connector housing, the wafer pushes against the terminals to establish coplanarity. Thus, the wafer works in conjunction with the terminals in the connector housing to establish coplanarity. Therefore, the connector supports the terminals for positioning while ensuring that the terminals are coplanar.

This Sheet Has Been Replaced

