

ELECTRICAL HARNESS CONNECTOR

ABSTRACT

A connector is provided for joining two electrical harnesses. Each harness is formed from a flexible printed circuit board which provides a plurality of conductive tracks, and each harness has a substantially planar terminating region at which the conductive tracks of the harness fan out. One or more receiving holes are formed in each terminating region to extend to respective conductive tracks. Each receiving hole extends in a direction substantially perpendicularly to the plane of the respective terminating region. The connector includes a connection formation which, in use, is sandwiched between respective terminating regions of the two electrical harnesses. The connection formation has one or more pins which are arranged so that one end of each pin enters a receiving hole of one of the terminating regions and the other end of the pin enters a receiving hole of the other of the terminating regions to electrically connect the respective conductive tracks. The connector further includes a housing configured to hold the respective terminating regions of the two electrical harnesses in face-to-face relationship with the connection formation sandwiched therebetween. The housing has one or more apertures through which the harnesses can exit the housing as they extend away from their terminating regions.

[Figure 9]