

Title (en)

HIGH-DENSITY, IMPEDANCE TUNED CONNECTOR

Title (de)

IMPEDANZABGESTIMMTER VERBINDER MIT HOHER DICHTHE

Title (fr)

CONNECTEUR HAUTE DENSITE ACCORDE PAR IMPEDANCE HIGH-DENSITY, IMPEDANCE TUNED CONNECTOR

Publication

EP 1413014 B1 20051221 (EN)

Application

EP 02759087 A 20020611

Priority

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Abstract (en)

[origin: WO02101883A2] A determination structure for mating a cable connector to a circuit board includes a plurality of associated sets of terminals, each terminal set including a pair of differential signal terminals and a ground reference terminal. Each associated set of terminals is arranged in triangular pattern through the connector in order to reduce the impedance through the connector, and adjacent associated terminal sets are inverted so that the ground reference terminals of alternating associated terminal sets are located along one row of the connector along with signal terminals of intervening terminal sets, while the ground reference terminals of intervening terminal sets are located along a second row of the connector, along with the signal terminals of alternating associated terminal sets. This inverted arrangements increases the density of the connector.

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H01R 13/719

IPC 8 full level

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