

Title (en)

CIRCUIT BOARD FOR CONNECTION WITH A MATRIX OF CONTACT PINS ON ELECTRICAL CONNECTORS

Title (de)

LEITERPLATTE ZUR VERBINDUNG MIT EINER MATRIX VON KONTAKTSTIFTEN VON ELEKTRISCHEN STECKERN

Title (fr)

CARTE DE CIRCUIT IMPRIMÉ POUR LA CONNEXION À UNE MATRICE DE BROCHES DE CONTACT DE CONNECTEURS ÉLECTRIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019137661A1] The present invention relates to a circuit board for connection with a matrix of contact pins on electrical connectors. The layout of known circuit boards must be adapted to different types of connectors. This problem is solved in that the circuit board (20) according to the invention comprises a plurality of contact element groups (80a - 80d), each having a plurality of contact elements (63a, 64a, 65a - 63d, 64d, 65d) for an electrical coupling with a contact pin (41a - 41d, 42a - 42d, 51a - 51d) of an electrical connector (70), wherein the contact elements (63a, 64a, 65a - 63d, 64d, 65d) of a contact element group (80a - 80d) are connected to one another by means of a conductor track (33a - 33d). The contact elements of the contact element groups are arranged in such a manner that contact pin contact groups (90a - 90c) extending in an X-direction of the circuit board (20) are formed, the contact elements (63a - 63d, 64a - 64d, 65a - 65d) of which can be electrically coupled with contact pins (41a - 41d, 42a - 42d, 51a - 51d) of an electrical connector (70).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2019137661A1

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