

Title (en)

PRINTED CIRCUIT BOARD CONNECTOR HAVING A SHIELDING ELEMENT AND METHOD OF ASSEMBLY

Title (de)

LEITERKARTENSTECKVERBINDER MIT EINEM SCHIRMELEMENT UND MONTAGEVERFAHREN

Title (fr)

CONNECTEUR DE CARTE DE CIRCUIT IMPRIMÉ DOTÉ D'UN ÉLÉMENT DE BLINDAGE ET PROCÉDÉ DE MONTAGE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019072336A1] The invention relates to the arrangement of an annular shielding element (1), comprising inwardly and outwardly pointing tabs (11, 12), on the insulating body (2) of a printed circuit board connector, for improving the electrical conductivity of both the earth connection between a plug connector housing (4) / device housing and a cruciform shield (31) of the insulating body (2) / a printed circuit board (5) associated therewith. The shielding element (1) can be designed as a stamped and bent part and can be formed from a resilient metal sheet. The invention significantly reduces the amount of force required to plug on the plug connector housing (4). This is very important in particular when constructing electrical devices because, here, printed circuit boards (5) comprise a plurality of mounted insulating bodies (2) which are simultaneously inserted into the plug connector housing (4) of a housing wall (6) of the device housing.

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