Title (en)

PLUG CONNECTOR FOR FLEXIBLE CONDUCTOR FILMS

Title (de)

STECKVERBINDER FÜR FLEXIBLE LEITERFOLIEN

Title (fr)

CONNECTEUR POUR FILMS DE CIRCUIT IMPRIMÉ FLEXIBLES

Publication

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Application

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Abstract (en)

[origin: CA3104394A1] The invention relates to a plug connector (10) for flexible conductor films (300) having film-insulated conductors, comprising a plug connector housing in which at least one plug contact element (105) is arranged, and a connection region in which blades (110, 115) that are electrically conductively connected to the at least one plug contact element (105) penetrate and immobilizes at least one film-insulated conductor and produce an electrical contact. Said plug connector housing comprises two housing parts (100, 200) which can be pushed into one another, the first housing part (100) supporting the blades (110, 115) and the at least one plug contact element (105) that is electrically conductively connected thereto, and the second housing part (200) receiving and supporting the flexible conductor film (300) and having at least one blade receptacle (210) which is adapted to the blades (110, 115) and whose boundary surfaces (211, 212) are designed such that at least some of the blades (110, 115) are bent towards the film-insulated conductor when the two housing parts (100, 200) are pushed into one another. The invention is characterized in that at least some of the blades (110, 115) are flexible.

IPC 8 full level

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