

Title (en)

CONNECTOR FOR CONNECTING A POWER CABLE TO A BOARD

Title (de)

VERBINDER ZUM VERBINDEN EINES STROMKABELS MIT EINER PLATTE

Title (fr)

CONNECTEUR DESTINÉ À CONNECTER UN CÂBLE ÉLECTRIQUE À UNE CARTE

Publication

EP 3316412 B1 20201021 (EN)

Application

EP 16195632 A 20161025

Priority

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Abstract (en)

[origin: EP3316412A1] A connector for connecting a power cable to a board has a housing adapted to hold a contact which is crimpable onto the power cable. The housing comprises a first housing part (23) and a second housing part (24) formed as one piece. The first housing part (23) has a retaining portion (28) for retaining a lower area of the contact and a first supporting portion (29) for supporting an upper area of the contact transverse to a longitudinal axis of the contact. The second housing part (24) comprises a second supporting portion adapted to interact with the first supporting portion such that the upper area of the contact is retained therebetween. The second housing part (24) is bendable towards the first housing part (23) to engage therewith in a form locking manner. The first supporting portion comprises a first supporting surface (35) and a second supporting surface (36) which are tilted relative to each other. The second supporting portion comprises a third supporting surface and a fourth supporting surface which form a corresponding counterpart to the first supporting (35) surface and the second supporting surface (36) such that the upper part of the contact is retained between at least the first, second, third and fourth supporting surface (35, 36) when the second housing part (24) engages with the first housing part (23).

IPC 8 full level

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CPC (source: EP)

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