Title (en)
ELECTRICAL CONNECTOR FOR TAB OR PRINTED CIRCUIT BOARD

Publication
EP 0224337 B1 19900103 (EN)

Application
EP 86308374 A 19861028

Priority
FR 8516662 A 19851112

Abstract (en)
[origin: EP0224337A1] An electrical connector (11) for selective connection to tabs (51) or a printed circuit board (35) has a row of stamped and formed sheet metal terminals (14) mounted in an insulating housing (12), with receptacle portions (16) of the terminals (14) comprising a pair of resilient arms (27) extending in spaced opposed relation from the wire connecting portion (15). The arms (27) are formed adjacent their free ends into contact portions (28) of channel section, portions (24) of respective contact portions (28) extending towards each other and protuberances (31) providing contact surfaces, upstanding between the arms (27) from the bases (32) of each channel. Either a tab (51) is receivable between the arms (27) inserted axially into the channels with opposite tab edges (52) establishing electrical connection with the contact surfaces provided by the protuberances (31) or, alternatively, a printed circuit board (36) is receivable between the arms (27) with apices (33) of free ends of the opposed channel walls providing contact surfaces engaging with a printed circuit board (36). The mating face (41) of the housing (12) is formed with a printed circuit board receiving slot (45) with tab receiving openings (46) extending transversely from opposite sides of the slot (45) guide surfaces (48, 49) being provided both on the slot (45) and openings (46).

IPC 1-7
H01R 23/70

IPC 8 full level
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