

Title (en)
Circuit board edge connector.

Title (de)
Randsteckverbinder für Schaltungskarte.

Title (fr)
Connecteur en bordure de carte à circuit imprimé.

Publication
EP 0042692 A1 19811230 (EN)

Application
EP 81302566 A 19810610

Priority
US 16235280 A 19800623

Abstract (en)
A circuit board edge connector (10) comprises an insulating housing (12) having a cavity (14) for receiving a daughter circuit board, and a plurality of electrical terminals (32) each mounted in a respective passage (22) in the base (26) of the cavity (14), and each having a mating portion (34) in the cavity, a laterally offset portion (36) adjacent to the inner face (39) of the base (26), and a connecting tail (40) located beyond the outer face (14) of the base (26). For mounting the connector (10) on a mother circuit board (44), each mating portion (34) is spaced from the adjacent wall (19) of the cavity (14) to permit the insertion of a tool member (54) into the cavity (14) to engage the offset portion (36) of the terminal (32) to drive an enlarged laterally resilient mounting portion (38) of the terminal (32) into a hole (42) in the mother circuit board (44).

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H01R 13/436

IPC 8 full level
H01R 12/50 (2011.01); **H01R 12/58** (2011.01); **H01R 13/436** (2006.01); **H01R 43/00** (2006.01); **H01R 12/72** (2011.01); **H01R 12/73** (2011.01); **H01R 13/41** (2006.01); **H01R 43/20** (2006.01)

CPC (source: EP)
H01R 12/58 (2013.01); **H01R 12/721** (2013.01); **H01R 12/737** (2013.01); **H01R 13/41** (2013.01); **H01R 43/20** (2013.01)

Citation (search report)
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• GB 1096839 A 19671229 - AMP INC
• DE 2950097 A1 19800710 - ELCO INTERNATIONAL KK
• US 4186982 A 19800205 - COBAUGH ROBERT F [US], et al
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EP 81302566 A 19810610; AR 28576981 A 19810618; AT 81302566 T 19810610; AU 7120681 A 19810601; BR 8103919 A 19810622; CA 379033 A 19810604; DE 3167051 T 19810610; ES 502922 A 19810610; HK 79687 A 19871029; JP 9733381 A 19810623; MX 18792881 A 19810622; MY 8800064 A 19881230; SG 53287 A 19870618