

Title (en)

Electrical connector for multiple connection of lands on circuit boards.

Title (de)

Elektrischer Verbinder zur Vielfachverbindung von Kontaktflächen auf Platten mit gedruckten Schaltungen.

Title (fr)

Connecteur électrique pour établir des connexions multiples entre des surfaces de contact sur plaquettes à circuit imprimé.

Publication

EP 0160262 A2 19851106 (EN)

Application

EP 85104884 A 19850423

Priority

- US 60608684 A 19840501
- US 60608784 A 19840501

Abstract (en)

A high density electrical connector for use between semiconductor module boards (10, 20). The connector body (211) comprises a relatively rigid member and a flexible member connected to it, which provides elastomeric contact pressure. The rigid and flexible members are embodied in a dual durometer rubber layers (71, 81) having a relatively high durometer layer for the rigid member (81) and a relatively low durometer layer for the flexible member (71). The relatively low durometer layer (71) has circuit connector leads disposed on an additional flexible layer (90) on the side facing away from the relatively high durometer layer (81). During the positioning of the electrical conductor into the relatively low durometer layer by pressing against a circuit board (10, 20), a wiping action occurs to clean dust particles and other contaminants from the connector surface prior to forming an electrically conductive bond thereon.

IPC 1-7

H01R 9/09; H01R 23/72

IPC 8 full level

H01R 4/30 (2006.01); **H01R 4/48** (2006.01); **H01R 13/24** (2006.01); **H01R 31/08** (2006.01)

CPC (source: EP)

H01R 12/52 (2013.01); **H01R 4/30** (2013.01); **H01R 4/48** (2013.01); **H01R 13/24** (2013.01); **H01R 31/08** (2013.01)

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