

Title (en)

ELECTRICAL CONNECTOR FOR MULTIPLE CONNECTION OF LANDS ON CIRCUIT BOARDS

Publication

**EP 0160262 A3 19880601 (EN)**

Application

**EP 85104884 A 19850423**

Priority

- US 60608684 A 19840501
- US 60608784 A 19840501

Abstract (en)

[origin: EP0160262A2] 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 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)

Citation (search report)

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- [A] FR 2129553 A5 19721027 - PLESSEY HANDEL INVESTMENT AG
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- [A] TOUTE L'ELECTRONIQUE, no. 463, April 1981, page 13, Paris, FR; PANORAMA "Nouvelle technologie pour des connecteurs"

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