

Title (en)

PLUGGABLE CONNECTING MODULE CARRYING A PRINTED CIRCUIT

Publication

EP 0168682 A3 19870729 (DE)

Application

EP 85107768 A 19850622

Priority

- DE 3426411 A 19840718
- DE 3428006 A 19840728

Abstract (en)

[origin: US4702708A] The invention pertains to a plastic plug-type connector module which carries a printed circuit board made of ceramic. A plurality of plug members each have a rear projecting end soldered to a contact member made from a spring material, and have another portion embedded by injection molding in an insulating carrier body. The contact members in turn make contact with edge contact surfaces of the printed circuit board. In order to simplify the manufacture and to achieve soldering guaranteeing reliable contact, part of a perforated band from which the contact member is cut off is left in place. This part is also used to solder the contact member to the plug member. In order to align the surface of the printed circuit board as exactly as possible parallel to a first, flat surface of the module, there are provided molded locally limited elevations with different heights on a second flat surface which carries the printed circuit board. The height is determined after measurement of the distance between the first and second surfaces in such a way as to achieve compensation. The printed circuit board is glued to the second surface.

IPC 1-7

H01C 1/01; **H01R 13/66**

IPC 8 full level

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CPC (source: EP US)

H01C 1/01 (2013.01 - EP US); **H01C 10/34** (2013.01 - EP US)

Citation (search report)

- [AD] FR 2409123 A1 19790615 - COMATEL [FR]
- [A] US 4367910 A 19830111 - SEIDLER JACK [US]
- [A] TECHNICAL DIGEST - WESTERN ELECTRIC, Nr. 59, Juli 1980, Seiten 15,16, New York, US; R.R. MONSON et al.: "Edge connectors for circuit cards"

Cited by

FR2615663A1; US6538555B2; WO9948118A1

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