

Title (en)

Multi-contact electrical connector and method of assembling same.

Title (de)

Elektrischer Mehrkontaktsteckverbinder und Verfahren zu seinem Zusammenbau.

Title (fr)

Connecteur électrique à contacts multiples et méthode pour assembler celui-ci.

Publication

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Application

EP 86307445 A 19860929

Priority

JP 14991085 U 19850930

Abstract (en)

An electrical connector employs an insulative molded housing (10) with upper and lower cavities (20, 30) of rectangular cross-section into which are set female contacts (40, 50). The cavities (20, 30) open from front and rear faces (21, 31, 22, 32) of the housing (10) and are spaced apart by a predetermined pitch to receive with contact reception spaces (46, 56) a set of male contacts inserted from the front face (21, 31) of the housing (10). The contacts (40) in the upper cavities (20) have exterior terminal strips (43) bent down to overlie the rear face (22, 32) of the housing (10) and the lower cavities (30). These strips (43) adjoin bent-over superimposed portions (41, 44) disposed at the ceilings of the upper cavities (20) and from which spring arms (47) depend. The contacts (50) in the lower cavities (30) also have exterior terminal strips (53) which project downwardly from the lower cavities (30) but at the front face (31) of the housing (10). The terminal strips (50) adjoin contact portions (54) from which spring arms (57) are surmounted. The contacts are pre-formed as integral assemblies (61, 71) with individual contacts (40, 50) supported by a carrier (20). The contacts (50) in the lower cavities (30) are introduced into the cavities from the rear face (32) preferably with the aid of a jig and when located the terminal strips (53) are bent down. The contacts (40) in the upper cavities are likewise introduced from the rear but supported with the carrier. When set the terminal strips (43) are bent down and then severed from the carrier.

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IPC 8 full level

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CPC (source: EP)

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